

## ACTi



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                                                   | Tested Firmware     | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|---------------------------------------------------------------|---------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| <b>ACD2000Q</b>                                               | A4Q-220-V3.04.08    | MPEG4 M-JPEG | 4        | 720x480        | *2    | *2     | *2  | *2             | -    | Yes                | Yes*                |                     |
| Note: 1.Not support framerate 8 due to camera firmware issue. |                     |              |          |                |       |        |     |                |      |                    |                     |                     |
| <b>ACD2100</b>                                                | A1D-220-V3.08.08-AC | MPEG4 M-JPEG | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | -    | Yes                |                     |                     |
| <b>ACD2200</b>                                                |                     | MPEG4 M-JPEG | 4        | 720x480        | 1-way | 8/8    | Yes | Yes            | -    | Yes                |                     | Supported by design |
| <b>ACD2300</b>                                                |                     | MPEG4 M-JPEG | 8        | 720x480        | 1-way | 16/16  | Yes | Yes            | -    | Yes                |                     | Supported by design |
| <b>ACD2400</b>                                                | AGD-R2N-V2.05.02-AC | MPEG4 M-JPEG | 16       | 720x480        | 1-way | 32/32  | Yes | Yes            | -    | Yes                |                     |                     |
| <b>ACM1011</b>                                                | A1D-220-V3.10.22-AC | MPEG4 M-JPEG | 1        | 640x480        | 1-way | -      | -   | Yes            | -    | Yes                |                     |                     |
| <b>ACM1231</b>                                                |                     | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | -      | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>ACM1232</b>                                                |                     | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | -      | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>ACM1311</b>                                                |                     | MPEG4 M-JPEG | 1        | 720x480        | 1-way | -      | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>ACM1431</b>                                                |                     | MPEG4 M-JPEG | 1        | 720x480        | 1-way | -      | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>ACM1432</b>                                                |                     | MPEG4 M-JPEG | 1        | 720x480        | 1-way | -      | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>ACM1511</b>                                                |                     | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | -      | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>ACM3001</b>                                                |                     | MPEG4 M-JPEG | 1        | 640x480        | 1-way | -      | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>ACM3011</b>                                                |                     | MPEG4 M-JPEG | 1        | 640x480        | 1-way | -      | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>ACM3211</b>                                                |                     | MPEG4 M-JPEG | 1        | 720x480        | 1-way | -      | Yes | Yes            | -    | Yes                |                     | Supported by design |
| <b>ACM3311</b>                                                |                     | MPEG4 M-JPEG | 1        | 720x480        | 1-way | -      | Yes | Yes            | -    | Yes                |                     | Supported by design |
| <b>ACM3401</b>                                                |                     | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | -      | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>ACM3411</b>                                                |                     | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | -      | -   | Yes            | -    | Yes                |                     | Supported by design |

## ACTi



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                              | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|-------------|--------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| ACM3511     |                                                              | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | -      | -   | Yes            | -    | Yes                |                     | Supported by design |
| ACM3601     | A1D-220-V3.10.22-AC                                          | MPEG4 M-JPEG | 1        | 640x480        | -     | -      | -   | Yes            | -    | Yes                |                     |                     |
| ACM3603     |                                                              | MPEG4 M-JPEG | 1        | 640x480        | -     | -      | -   | Yes            | -    | Yes                |                     | Supported by design |
| ACM3701     | A1D-220-V3.10.22-AC                                          | MPEG4 M-JPEG | 1        | 1280x1024      | -     | -      | -   | Yes            | -    | Yes                |                     |                     |
| ACM3703     |                                                              | MPEG4 M-JPEG | 1        | 1280x1024      | -     | -      | -   | Yes            | -    | Yes                |                     | Supported by design |
| ACM4000     |                                                              | MPEG4 M-JPEG | 1        | 640x480        | 1-way | -      | -   | Yes            | -    | Yes                |                     | Supported by design |
| ACM4001     |                                                              | MPEG4 M-JPEG | 1        | 640x480        | 1-way | -      | -   | Yes            | -    | Yes                |                     | Supported by design |
| ACM4100     | A1D-220-V3.09.14-AC                                          | MPEG4 M-JPEG | 1        | 640x480        | 1-way | -      | -   | Yes            | -    | Yes                |                     |                     |
| ACM4200     |                                                              | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | -      | -   | Yes            | -    | Yes                |                     | Supported by design |
| ACM4201     |                                                              | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | -      | -   | Yes            | -    | Yes                |                     | Supported by design |
| ACM5001     |                                                              | MPEG4 M-JPEG | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| ACM5601     | A1D-220-V3.08.08-AC                                          | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     |                     |
| ACM5611     |                                                              | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| ACM5711     | A1D-220-V3.08.08-AC                                          | MPEG4 M-JPEG | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     |                     |
| ACM5811     | A1D-220-V3.12.13-AC                                          | MPEG4 M-JPEG | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     |                     |
| ACM7411     | A1D-220-V3.09.14-AC                                          | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     |                     |
| Note:       | A1D-220-V3.09.14-AC: There is problem at 160x112 resolution. |              |          |                |       |        |     |                |      |                    |                     |                     |
| ACM7511     | A1D-220-V3.12.13-AC                                          | MPEG4 M-JPEG | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     |                     |
| ACM8201     | A1D-220-V3.10.22-AC                                          | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | -    | Yes                |                     |                     |
| Note:       | A1D-220-V3.09.14-AC: There is problem at 160x112 resolution. |              |          |                |       |        |     |                |      |                    |                     |                     |

## ACTi



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware     | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|-------------|---------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| ACM8211     | A1D-220-V3.09.14-AC | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | -    | Yes                |                     |                     |
| ACM8511     | A1D-220-V3.11.13-AC | MPEG4 M-JPEG | 1        | 720x480        | 1-way | 1/1    | Yes | Yes            | -    | Yes                |                     |                     |
| AMU9401     | A1D-220-V3.10.22-NB | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | 0/0    | -   | Yes            | -    | Yes                |                     |                     |
| AMU9711     | A1D-220-V3.10.22-NB | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | 0/0    | -   | Yes            | -    | Yes                |                     | Supported by design |
| CAM5130     |                     | MPEG4        | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| CAM5140     |                     | MPEG4        | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| CAM5150     |                     | MPEG4        | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| CAM5200     |                     | MPEG4        | 1        | 720x480        | -     | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| CAM5201     |                     | MPEG4        | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| CAM5221     | A1D-M2N-V2.08.11-AC | MPEG4        | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     |                     |
| CAM5300     |                     | MPEG4        | 1        | 720x480        | -     | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| CAM5301     |                     | MPEG4        | 1        | 720x480        | -     | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| CAM5321     |                     | MPEG4        | 1        | 720x480        | -     | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| CAM5500     |                     | MPEG4        | 1        | 720x480        | -     | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| CAM6100     |                     | MPEG4        | 1        | 720x480        | -     | 2/2    | Yes | Yes            | -    | Yes                |                     | Supported by design |
| CAM6200     | A1D-2.07.14-AC      | MPEG4        | 1        | 720x480        | -     | 2/2    | Yes | Yes            | -    | Yes                |                     | Supported by design |
| CAM6220     | A1D-2.07.14-AC      | MPEG4        | 1        | 720x480        | -     | 2/2    | Yes | Yes            | -    | Yes                |                     | Supported by design |
| CAM6500     |                     | MPEG4        | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | -    | Yes                |                     | Supported by design |

## ACTi



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                                      | Tested Firmware         | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|--------------------------------------------------|-------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| <b>CAM6510</b>                                   | A1D-M2N-V2.08.11-AC     | MPEG4                    | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | -    | Yes                |                     |                     |
| <b>CAM6520</b>                                   |                         | MPEG4                    | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | -    | Yes                |                     | Supported by design |
| <b>CAM6600</b>                                   |                         | MPEG4                    | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | -    | Yes                |                     | Supported by design |
| <b>CAM6610</b>                                   |                         | MPEG4                    | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | -    | Yes                |                     | Supported by design |
| <b>CAM6620</b>                                   |                         | MPEG4                    | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | -    | Yes                |                     | Supported by design |
| <b>CAM6630</b>                                   |                         | MPEG4                    | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | -    | Yes                |                     | Supported by design |
| <b>CAM7100</b>                                   |                         | MPEG4                    | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>CAM7120</b>                                   |                         | MPEG4                    | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>CAM7200</b>                                   |                         | MPEG4                    | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>CAM7220</b>                                   |                         | MPEG4                    | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>CAM7300</b>                                   |                         | MPEG4                    | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>CAM7301</b>                                   |                         | MPEG4                    | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>CAM7320</b>                                   |                         | MPEG4                    | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>CAM7321</b>                                   |                         | MPEG4                    | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>CAM7322</b>                                   |                         | MPEG4                    | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                |                     | Supported by design |
| <b>KCM3211</b>                                   | A1D-311-V5.04.07-AC     | H.264<br>MPEG4<br>M-JPEG | 1        | 2032x1920      | 1-way | 2/2    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| Note: KCM3211's PTZ only support Zoom and Focus. |                         |                          |          |                |       |        |     |                |      |                    |                     |                     |
| <b>D11</b> □                                     | V6.03.17                | H264<br>MJPEG            | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>D12</b>                                       | Refer to D52 (V6.03.17) | H264<br>MJPEG            | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |

## ACTi



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware         | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|-------------|-------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| D21         | Refer to D11 (V6.03.17) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| D22         | Refer to E13 (V6.03.17) | H264 MJPEG   | 1        | 2592x1944      | 1-way | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| D31         | Refer to D11 (V6.03.17) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| D32         | Refer to D52 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| D41         | Refer to D11 (V6.03.17) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| D42         | Refer to D52 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| D51         | Refer to D11 (V6.03.17) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| D52         | V6.03.17                | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| D54         | Refer to D11 (V6.03.17) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| D55         | Refer to D52 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| D61         | V6.03.17                | H264 MJPEG   | 1        | 1280x960       | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| D62         | Refer to E84 (V6.03.17) | H264 MJPEG   | 1        | 1920x1080      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| D64         | Refer to D11 (V6.03.17) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| D65         | Refer to D52 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| D71         | Refer to D11 (V6.03.17) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| D72         | Refer to D52 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| D81         | Refer to D11 (V6.03.17) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| D82         | Refer to D52 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |

## ACTi



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware         | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|-------------|-------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| E11         | Refer to D11 (V6.03.17) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| E12         | Refer to D52 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| E13         | V6.03.17                | H264 MJPEG   | 1        | 2592x1944      | 1-way | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E21         | Refer to D11 (V6.03.17) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| E22         | Refer to E13 (V6.03.17) | H264 MJPEG   | 1        | 2592x1944      | 1-way | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E23         | Refer to E34 (V6.03.17) | H264 MJPEG   | 1        | 1920x1080      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E24         | Refer to E34 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E25         | Refer to D61 (V6.03.17) | H264 MJPEG   | 1        | 1280x960       | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E26         | Refer to E34 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E31         | Refer to D11 (V6.03.17) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| E32         | Refer to E13 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| E33         | V6.03.17                | H264 MJPEG   | 1        | 2592x1944      | 1-way | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E34         | Refer to D52 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E41         | Refer to D11 (V6.03.17) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| E42         | Refer to D52 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| E43         | Refer to E13 (V6.03.17) | H264 MJPEG   | 1        | 2592x1944      | 1-way | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E44         | Refer to E84 (V6.03.17) | H264 MJPEG   | 1        | 1920x1080      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E45         | Refer to E34 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |

## ACTi



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware         | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|-------------|-------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| E46         | Refer to E34 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E51         | Refer to D11 (V6.03.17) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| E52         | Refer to D11 (V6.03.17) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| E53         | Refer to D52 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| E54         | Refer to E13 (V6.03.17) | H264 MJPEG   | 1        | 2592x1944      | 1-way | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E55         | Refer to D11 (V6.03.17) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| E56         | Refer to D52 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| E61         | Refer to D11 (V6.03.17) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| E62         | Refer to D52 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| E63         | Refer to E13 (V6.03.17) | H264 MJPEG   | 1        | 2592x1944      | 1-way | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E64         | Refer to E34 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E65         | Refer to E34 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E66         | Refer to D61 (V6.03.17) | H264 MJPEG   | 1        | 1280x960       | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E67         | Refer to E84 (V6.03.17) | H264 MJPEG   | 1        | 1920x1080      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E71         | Refer to D11 (V6.03.17) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| E72         | Refer to D52 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| E73         | Refer to E13 (V6.03.17) | H264 MJPEG   | 1        | 2592x1944      | 1-way | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| E74         | Refer to E34 (V6.03.17) | H264 MJPEG   | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |

## ACTi



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware                                                                                                                                                                                      | Video Format       | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| <b>E81</b>      | Refer to D11 (V6.03.17)                                                                                                                                                                              | H264 MJPEG         | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>E82</b>      | Refer to D52 (V6.03.17)                                                                                                                                                                              | H264 MJPEG         | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>E83</b>      | Refer to E13 (V6.03.17)                                                                                                                                                                              | H264 MJPEG         | 1        | 2592x1944      | 1-way | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>E84</b>      | V6.03.17                                                                                                                                                                                             | H264 MJPEG         | 1        | 1920x1080      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>E85</b>      | Refer to E34 (V6.03.17)                                                                                                                                                                              | H264 MJPEG         | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>E86</b>      | Refer to E34 (V6.03.17)                                                                                                                                                                              | H264 MJPEG         | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>E87</b>      | Refer to E34 (V6.03.17)                                                                                                                                                                              | H264 MJPEG         | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>E91</b>      | Refer to D11 (V6.03.17)                                                                                                                                                                              | H264 MJPEG         | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>E92</b>      | Refer to D52 (V6.03.17)                                                                                                                                                                              | H264 MJPEG         | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| Note:           | For E13 and the certificate camera:<br>1. It will auto diconnect with software.<br>For E84 and the certificate camera:<br>2. If set resolution to 640x360, it will get wrong value on get parameter. |                    |          |                |       |        |     |                |      |                    |                     |                     |
| <b>KCM3311</b>  | A1D-311-V5.05.07-AC                                                                                                                                                                                  | H.264 MPEG4 M-JPEG | 1        | 2032x1920      | -     | -      | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>KCM3911</b>  | A1D-311-V5.10.02                                                                                                                                                                                     | H.264 MPEG4 M-JPEG | 1        | 1920x1080      | 1-way | 2/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| Note:           | fisheye camera                                                                                                                                                                                       |                    |          |                |       |        |     |                |      |                    |                     |                     |
| <b>KCM5111</b>  | A1D-311-V5.04.07-AC                                                                                                                                                                                  | H.264 MPEG4 M-JPEG | 1        | 2032x1920      | 1-way | 2/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| Note:           | On-edge motion: H.264 and MPEG4.                                                                                                                                                                     |                    |          |                |       |        |     |                |      |                    |                     |                     |
| <b>KCM5211</b>  | A1D-311-V5.04.07-AC                                                                                                                                                                                  | H.264 MPEG4 M-JPEG | 1        | 2032x1920      | 1-way | 2/2    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| Note:           | On-edge motion: H.264 and MPEG4.                                                                                                                                                                     |                    |          |                |       |        |     |                |      |                    |                     |                     |
| <b>KCM5211E</b> | Refer to KCM5211                                                                                                                                                                                     | H.264 MPEG4 M-JPEG | 1        | 2032x1920      | 1-way | 2/2    | Yes | Yes            | -    | Yes                | Yes*                | Supported by design |
| Note:           | On-edge motion: H.264 and MPEG4.                                                                                                                                                                     |                    |          |                |       |        |     |                |      |                    |                     |                     |
| <b>KCM5311</b>  | A1D-311-V5.04.07-AC                                                                                                                                                                                  | H.264 MPEG4 M-JPEG | 1        | 1920x1080      | 1-way | 2/2    | Yes | Yes            | -    | Yes                | Yes*                |                     |



## ACTi



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                                                                          | Tested Firmware             | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|--------------------------------------------------------------------------------------|-----------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| Note: On-edge motion: H.264 and MPEG4.                                               |                             |                          |          |                |       |        |     |                |      |                    |                     |                     |
| KCM5311E                                                                             | Refer to KCM5311E           | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 2/2    | Yes | Yes            | -    | Yes                | Yes*                | Supported by design |
| Note: On-edge motion: H.264 and MPEG4.                                               |                             |                          |          |                |       |        |     |                |      |                    |                     |                     |
| KCM5511                                                                              | A1D-311-V5.08.06-AC         | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 2/2    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| Note: Pitch of G.711 audio is not correct.<br>Not support motion detection in MJPEG. |                             |                          |          |                |       |        |     |                |      |                    |                     |                     |
| KCM5611                                                                              | A1D-311-V5.07.05-AC         | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 2/2    | Yes | Yes            | -    | -                  | Yes*                |                     |
| Note: Not Support RS-485 (not support Pan/Tilt, support Zoom/Focus/Preset only)      |                             |                          |          |                |       |        |     |                |      |                    |                     |                     |
| KCM7111                                                                              | A1D-311-V5.04.07-AC         | H.264<br>MPEG4<br>M-JPEG | 1        | 2032x1920      | 1-way | 2/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| Note: On-edge motion: H.264 and MPEG4.                                               |                             |                          |          |                |       |        |     |                |      |                    |                     |                     |
| KCM7211                                                                              | A1D-311-V5.04.07-AC         | H.264<br>MPEG4<br>M-JPEG | 1        | 2032x1920      | 1-way | 2/2    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| Note: On-edge motion: H.264 and MPEG4.                                               |                             |                          |          |                |       |        |     |                |      |                    |                     |                     |
| KCM7311                                                                              | A1D-311-V5.05.07-AC         | H.264<br>MPEG4<br>M-JPEG | 1        | 2032x1920      | 1-way | 2/2    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| KCM7911                                                                              | A1D-311-V5.10.02            | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 2/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| Note: 1.Dual-Stream Resolution 1280x720<br>2.fisheye camera                          |                             |                          |          |                |       |        |     |                |      |                    |                     |                     |
| KCM8111                                                                              | V5.10.02                    | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 2/2    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| KCM8211                                                                              | Refer to KCM8111 (V5.10.02) | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 2/2    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| SED2100                                                                              |                             | MPEG4                    | 1        | 720x480        | 1-way | 2/2    | -   | Yes            | -    | Yes                |                     | Supported by design |
| SED2120                                                                              | A1D-M2N-V2.08.11-AC         | MPEG4                    | 1        | 720x480        | -     | 2/2    | Yes | Yes            | -    | Yes                |                     |                     |
| SED2140                                                                              |                             | MPEG4                    | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | -    | Yes                |                     | Supported by design |
| SED2310Q                                                                             |                             | MPEG4                    | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | -    | Yes                |                     | Supported by design |
| SED2320Q                                                                             |                             | MPEG4                    | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | -    | Yes                |                     | Supported by design |

## ACTi



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name    | Tested Firmware        | Video Format              | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|----------------|------------------------|---------------------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| <b>SED2400</b> |                        | MPEG4                     | 2        | 720x480        | 1-way | 2/2    | Yes | Yes            | -    | Yes                |                     | Supported by design |
| <b>SED2420</b> | A1D-220-V3.08.08-AC    | MPEG4                     | 2        | 720x480        | 1-way | -      | -   | Yes            | -    | Yes                |                     |                     |
| <b>SED2600</b> |                        | MPEG4                     | 8        | 720x480        | 1-way | 16/16  | Yes | Yes            | -    | Yes                |                     | Supported by design |
| <b>SED2610</b> |                        | MPEG4                     | 8        | 720x480        | 1-way | 16/16  | Yes | Yes            | -    | Yes                |                     | Supported by design |
| <b>SED26X0</b> |                        | MPEG4                     | 8        | 720x480        | 1-way | 16/16  | Yes | Yes            | -    | Yes                |                     | Supported by design |
| <b>TCD2100</b> | A1D-310-V4.06.09-AC    | H.264<br>MPEG4<br>M-JPEG  | 1        | 720x480        | -     | 1/1    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>TCD2500</b> | A1D-310-V4.06.08-AC    | H.264<br>MPEG4<br>M-JPEG  | 1        | 720x480        | 1-way | 2/1    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>TCM1111</b> | A1D-310-V4.12.09-AC    | MJPEG,<br>MPEG4,<br>H.264 | 1        | 1280x1024      | No    | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>TCM1231</b> | A1D-310-V4.06.09-AC    | H.264<br>MPEG4<br>M-JPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>TCM1232</b> |                        | H.264<br>MPEG4<br>M-JPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>TCM1511</b> | A1D-310-V4.06.09-AC    | H.264<br>MPEG4<br>M-JPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>TCM3001</b> |                        | H.264<br>MPEG4<br>M-JPEG  | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>TCM3011</b> | A1D-310-V4.07.10-AC    | H.264<br>MPEG4<br>M-JPEG  | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>TCM3111</b> | A1D-310-V4.12.09-AC    | MJPEG,<br>MPEG4,<br>H.264 | 1        | 1280x1024      | No    | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>TCM3401</b> |                        | H.264<br>MPEG4<br>M-JPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>TCM3411</b> | A1D-310-V4.06.09-AC    | H.264<br>MPEG4<br>M-JPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>TCM3511</b> | AID- 310-V4.06.00 - AC | H.264<br>MPEG4<br>M-JPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes                | Yes*                |                     |

## ACTi



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                      | Tested Firmware     | Video Format              | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|----------------------------------|---------------------|---------------------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| <b>TCM4101</b>                   |                     | H.264<br>MPEG4<br>M-JPEG  | 1        | 640x480        | 1-way | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>TCM4201</b>                   | A1D-310-V4.07.15-AC | H.264<br>MPEG4<br>M-JPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>TCM4301</b>                   | A1D-310-V4.05.13-AC | H.264<br>MPEG4<br>M-JPEG  | 1        | 1280x1024      | 1-way | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>TCM4511</b>                   | A1D-310-V4.12.09-AC | MJPEG,<br>MPEG4,<br>H.264 | 1        | 1280x1024      | No    | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>TCM5001</b>                   | A1D-310-V4.07.15-AC | H.264<br>MPEG4<br>M-JPEG  | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>TCM5111</b>                   | A1D-310-V4.12.09-AC | MJPEG,<br>MPEG4,<br>H.264 | 1        | 1280x1024      | No    | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>TCM5311</b>                   | A1D-310-V4.05.13-AC | H.264<br>MPEG4<br>M-JPEG  | 1        | 1280x960       | 1-way | 1/1    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>TCM5312</b>                   |                     | H.264<br>MPEG4<br>M-JPEG  | 1        | 1280x960       | 1-way | 1/1    | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>TCM5601</b>                   | A1D-310-V4.06.09-AC | H.264<br>MPEG4<br>M-JPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | -              | -    | Yes                | Yes*                | Supported by design |
| <b>TCM5611</b>                   | A1D-310-V4.06.09-AC | H.264<br>MPEG4<br>M-JPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | -              | -    | Yes                | Yes*                |                     |
| <b>TCM6630</b>                   | A1D-310-V4.12.09-AC | MJPEG,<br>MPEG4,<br>H.264 | 1        | 720x480        | 1-Way | 2/1    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| Note: DI/DO can't work, FW issue |                     |                           |          |                |       |        |     |                |      |                    |                     |                     |
| <b>TCM7011</b>                   | A1D-310-V4.06.09-AC | H.264<br>MPEG4<br>M-JPEG  | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>TCM7411</b>                   |                     | H.264<br>MPEG4<br>M-JPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | -              | -    | Yes                | Yes*                | Supported by design |
| <b>TCM7811</b>                   | A1D-310-V4.07.15-AC | H.264<br>MPEG4<br>M-JPEG  | 1        | 1280x960       | 1-way | 1/1    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>TMU9811</b>                   | A1D-310-V4.07.10-NB | H.264<br>MPEG4<br>M-JPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | -              | -    | Yes                |                     |                     |
| <b>TMU9911</b>                   | A1D-310-V4.07.10-NB | H.264<br>MPEG4<br>M-JPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | -              | -    | Yes                |                     | Supported by design |

## ACTi



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                              | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks |
|-------------|----------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------|
| Note:       | ACD / ACM series cameras do not support FW 3.11.11.                                          |              |          |                |       |        |     |                |      |                    |                     |         |
| Note:       | Only <b>two</b> I/O are shown on the interface as adding <b>one</b> channel on video server. |              |          |                |       |        |     |                |      |                    |                     |         |

## ADT



Security  
Systems

Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                   | Tested Firmware                                                                                                                                                                     | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>ADT-VSDVZ3MP-VF3010IRO</b> | V0.99_ST D-1                                                                                                                                                                        | H.264 M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:                         | 1.Audio codec is wrong under AMR.<br>2.Camera may not connect under highest resolution, highest bitrate and lower framerate.                                                        |              |          |                |       |        |     |                |      |                     |                     |
| <b>ADT-VSDVS-4C</b>           | V1.05[BET A]_STD-1                                                                                                                                                                  | H264 MJPEG   | 4        | 704x576        | 1-way | 4/4    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:                         | 1.Talk can't be use after setup audio codec.<br>2.Tilt up and down can't be use.<br>3.Name of preset point only support a-z A-Z @_-!                                                |              |          |                |       |        |     |                |      |                     |                     |
| <b>ADT-VSDVZ5MP-VF3090IRI</b> | V1.00B_S TD-1                                                                                                                                                                       | H264 MJPEG   | 1        | 2560x1920      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:                         | Camera FW issue:<br>1.Audio codec is wrong under AMR.<br>2.Camera may not connect under highest resolution, highest bitrate and lower framerate.<br>3.Tilt up and down can't be use |              |          |                |       |        |     |                |      |                     |                     |
| <b>ADT-VSDVZ5MP-VF3090IRO</b> | Refer to ADT-VSDVZ5M P-VF3090IRI                                                                                                                                                    | H264 MJPEG   | 1        | 2560x1920      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |

## Airlive



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware                                                                                                                                                    | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| <b>OD-325HD</b> | 5.0.2.6495                                                                                                                                                         | H.264<br>MPEG4<br>M-JPEG | 1        | sxga           | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |
| Note:           | 1.Always can use http port 80 to connect after changing http port by FW issue.<br>2.Initail output status will not synchronize to real output voltage by HW issue. |                          |          |                |       |        |     |                |      |                     |         |

## Alphatech



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name       | Tested Firmware                                                                                                                                                                                                         | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>AT-IMF5736</b> | Refer to AT-IMF5750                                                                                                                                                                                                     | H.264        | 1        | 1600x1200      | 1-way | -      | -   | Yes            | -    | -                   | Supported by design |
| Note:             | 1.2nd profile's framerate will be limited to 15fps when 1st profile set resolution to 1600x1200<br>2.Framerate only support 3~25fps<br>3.Framerate can't set over 15fps when set resolution from 1600x1200 to 1280x720. |              |          |                |       |        |     |                |      |                     |                     |
| <b>AT-IMF5739</b> | 1.8.0.7d-201206071056-DBG                                                                                                                                                                                               | H.264        | 1        | 1600x1200      | 1-way | -      | -   | Yes            | -    | -                   |                     |
| Note:             | 1.2nd profile's framerate will be limited to 15fps when 1st profile set resolution to 1600x1200<br>2.Framerate only support 3~25fps<br>3.Framerate can't set over 15fps when set resolution from 1600x1200 to 1280x720. |              |          |                |       |        |     |                |      |                     |                     |
| <b>AT-IMF5750</b> | 1.8.0.7d-201206071051-DBG                                                                                                                                                                                               | H.264        | 1        | 1600x1200      | 1-way | -      | -   | Yes            | -    | -                   |                     |
| Note:             | 1.2nd profile's framerate will be limited to 15fps when 1st profile set resolution to 1600x1200<br>2.Framerate only support 3~25fps<br>3.Framerate can't set over 15fps when set resolution from 1600x1200 to 1280x720. |              |          |                |       |        |     |                |      |                     |                     |
| <b>AT-IMV5756</b> | Refer to AT-IMF5750                                                                                                                                                                                                     | H.264        | 1        | 1600x1200      | 1-way | -      | -   | Yes            | -    | -                   | Supported by design |
| Note:             | 1.2nd profile's framerate will be limited to 15fps when 1st profile set resolution to 1600x1200<br>2.Framerate only support 3~25fps<br>3.Framerate can't set over 15fps when set resolution from 1600x1200 to 1280x720. |              |          |                |       |        |     |                |      |                     |                     |

## American Dynamics



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name  | Tested Firmware | Video Format   | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|--------------|-----------------|----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| ADCi600-D131 | AD00-00-15-11   | MJPEG<br>H.264 | 1        | 1280x720       | 1-way | 2/1    | -   | Yes            | *1   | Yes*                |         |



## Arecont



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                                              | Tested Firmware | Video Format    | Video Ch | Max Resolution | Audio | I/O Ch  | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|----------------------------------------------------------|-----------------|-----------------|----------|----------------|-------|---------|-----|----------------|------|--------------------|---------------------|---------------------|
| AV1115                                                   | 65218           | H.264<br>M-JPEG | 1        | 1280x1024      | -     | 1/1     | -   | Yes            | -    | Yes                | Yes                 |                     |
| Note: AV1115 include D4F-AV1115-3312 and D4S-AV1115-3312 |                 |                 |          |                |       |         |     |                |      |                    |                     |                     |
| AV1125                                                   | 65218           | H.264<br>M-JPEG | 1        | 1280x1024      | -     | 1/1     | -   | Yes            | -    | Yes                | Yes                 | Supported by design |
| AV1145                                                   | 65218           | H.264<br>M-JPEG | 1        | 1280x1024      | -     | 1/1     | -   | Yes            | -    | Yes                | Yes                 | Supported by design |
| AV1255                                                   | 65218           | H.264<br>M-JPEG | 1        | 1280x1024      | -     | 1/1     | -   | Yes            | -    | Yes                | Yes                 | Tested by customer  |
| AV1300                                                   | 64328           | M-JPEG          | 1        | 1280x1024      | -     | -       | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| AV1305                                                   | 64331           | H.264<br>M-JPEG | 1        | 1280x1024      | -     | -       | -   | Yes            | -    | Yes                | Yes                 |                     |
| AV1310                                                   |                 | M-JPEG          | 1        | 1280x1024      | -     | -       | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| AV1315                                                   | 65191           | M-JPEG<br>H.264 | 1        | 1280x1024      | -     | -       | -   | Yes            | -    | Yes                | Yes                 |                     |
| AV1325                                                   |                 | H.264<br>M-JPEG | 1        | 1280x1024      | -     | -       | -   | Yes            | -    | Yes                | Yes                 | Supported by design |
| AV1355                                                   | 65130           | H.264<br>M-JPEG | 1        | 1280x1024      | -     | -       | -   | Yes            | -    | Yes                | Yes                 | Supported by design |
| AV2000                                                   | 64328           | M-JPEG          | 1        | 1600x1184      | -     | -       | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| AV2100                                                   | 64328           | M-JPEG          | 1        | 1600x1184      | -     | -       | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| AV2105                                                   | 64331           | H.264<br>M-JPEG | 1        | 1600x1184      | -     | -       | -   | Yes            | -    | Yes                | Yes                 |                     |
| AV2110                                                   |                 | M-JPEG          | 1        | 1600x1184      | -     | -       | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| AV2115                                                   | 65218           | H.264<br>M-JPEG | 1        | 1920x1080      | -     | 1/1     | -   | Yes            | -    | Yes                | Yes                 |                     |
| Note: AV2115 include D4F-AV2115-3312 and D4S-AV2115-3312 |                 |                 |          |                |       |         |     |                |      |                    |                     |                     |
| AV2125                                                   | 65201           | H.264<br>M-JPEG | 1        | 1920x1056      | -     | 1/1     | -   | Yes            | -    | Yes                | Yes                 |                     |
| AV2155                                                   | 64803           | H.264<br>M-JPEG | 1        | 1600x1184      | -     | -       | -   | Yes            | -    | Yes                | Yes                 |                     |
| AV2255AM                                                 | 65218           | H.264<br>M-JPEG | 1        | 1920x1080      | *1    | 1(*1)/1 | Yes | Yes            | -    | Yes                | Yes                 |                     |

## Arecont



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                    | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|-------------|----------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| AV2805      | 65150                                              | H.264 M-JPEG | 1        | 1920x1080      | -     | 1/1    | -   | Yes            | -    | Yes                | Yes                 |                     |
| AV2815      | 65191                                              | H.264 M-JPEG | 1        | 1920x1080      | -     | 1/1    | -   | Yes            | -    | Yes                | Yes                 |                     |
| AV2825      |                                                    | H.264 M-JPEG | 1        | 1920x1080      | -     | 1/1    | -   | Yes            | -    | Yes                | Yes                 | Supported by design |
| AV3100      | 64328                                              | M-JPEG       | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| AV3105      | 64331                                              | H.264 M-JPEG | 1        | 2048X1536      | -     | -      | -   | Yes            | -    | Yes                | Yes                 |                     |
| AV3110      |                                                    | M-JPEG       | 1        | 1920X1216      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| AV3115      | 65218                                              | H.264 M-JPEG | 1        | 2048x1536      | -     | 1/1    | -   | Yes            | -    | Yes                | Yes                 |                     |
| Note:       | AV3115 include D4F-AV3115-3312 and D4S-AV3115-3312 |              |          |                |       |        |     |                |      |                    |                     |                     |
| AV3116      | 65219                                              | H.264 M-JPEG | 1        | 2048x1536      | -     | 1/1    | -   | Yes            | -    | Yes                | Yes                 | Supported by design |
| AV3116DN    | 65219                                              | H.264 M-JPEG | 1        | 2048x1536      | -     | 1/1    | -   | Yes            | -    | Yes                | Yes                 |                     |
| AV3125      | 65218                                              | H.264 M-JPEG | 1        | 2048x1536      | -     | 1/1    | -   | Yes            | -    | Yes                | Yes                 | Supported by design |
| AV3130      | 61906                                              | M-JPEG       | 1        | 2048x1536      | -     | -      | -   | Need to retest | -    | Yes                | Yes*                | Supported by design |
| AV3135      | 65135                                              | H.264 M-JPEG | 1        | 2048x1536      | -     | 1/1    | -   | Yes            | -    | Yes                | Yes                 |                     |
| Note:       | AV3115 include D4F-AV3115-3312 and D4S-AV3115-3312 |              |          |                |       |        |     |                |      |                    |                     |                     |
| AV3146      | 65219                                              | H.264 M-JPEG | 1        | 2048x1536      | -     | 1/1    | -   | Yes            | -    | Yes                | Yes                 |                     |
| Note        | 1. The streaming has low FPS under high quality.   |              |          |                |       |        |     |                |      |                    |                     |                     |
| AV3155      | 65113                                              | H.264 M-JPEG | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes                 |                     |
| AV3255      | 65218                                              | H.264 M-JPEG | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes                 | Tested by customer  |
| AV3256      | 65219                                              | H.264 M-JPEG | 1        | 2048x1536      | -     | 1/1    | -   | Yes            | -    | Yes                | Yes                 |                     |
| Note        | 1. The streaming has low FPS under high quality.   |              |          |                |       |        |     |                |      |                    |                     |                     |
| AV5100      | 61906                                              | M-JPEG       | 1        | 2560x1600      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |

## Arecont



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                                                                               | Video Format    | Video Ch | Max Resolution | Audio | I/O Ch      | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------|----------------|-------|-------------|-----|----------------|------|--------------------|---------------------|---------------------|
| AV5105      | 64331                                                                                                                                                         | H.264<br>M-JPEG | 1        | 2560x1600      | -     | 1/1         | -   | Yes            | -    | Yes                | Yes                 |                     |
| AV5110      |                                                                                                                                                               | M-JPEG          | 1        | 2560x1600      | -     | -           | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| AV5115      | 65218                                                                                                                                                         | H.264<br>M-JPEG | 1        | 2592x1944      | -     | 1/1         | -   | Yes            | -    | Yes                | Yes                 |                     |
| Note:       | AV5115 include D4F-AV5115-3312 and D4S-AV5115-3312                                                                                                            |                 |          |                |       |             |     |                |      |                    |                     |                     |
| AV5125      | 65218                                                                                                                                                         | H.264<br>M-JPEG | 1        | 2592x1944      | -     | 1/1         | -   | Yes            | -    | Yes                | Yes                 |                     |
| AV5155      | 65152                                                                                                                                                         | H.264<br>M-JPEG | 1        | 2592x1944      | -     | -           | -   | Yes            | -    | Yes                | Yes                 |                     |
| AV5255AM    | 65218                                                                                                                                                         | H.264<br>M-JPEG | 1        | 2592x1944      | *1    | 1(*1)/<br>1 | Yes | Yes            | -    | Yes                | Yes                 |                     |
| AV8180      | 65010                                                                                                                                                         | M-JPEG          | 4        | 1600x1184      | -     | -           | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| AV8185      | 65183                                                                                                                                                         | H.264<br>M-JPEG | 4        | 1600x1200      | -     | -           | -   | Yes            | -    | Yes                | Yes                 |                     |
| AV8185DN    | 65183                                                                                                                                                         | H.264<br>M-JPEG | 4        | 1600x1200      | -     | -           | -   | Yes            | -    | Yes                | Yes                 |                     |
| AV8360      | 65010                                                                                                                                                         | M-JPEG          | 4        | 1600x1184      | -     | -           | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| AV8365      | 65183                                                                                                                                                         | H.264<br>M-JPEG | 4        | 1600x1200      | -     | -           | -   | Yes            | -    | Yes                | Yes                 | Supported by design |
| AV8365DN    | 65183                                                                                                                                                         | H.264<br>M-JPEG | 4        | 1600x1200      | -     | 1/1         | -   | Yes            | -    | Yes                | Yes                 |                     |
| Note:       | AV8185DN and AV8365DN<br>1. Four channels must use the same protocol and format.<br>2. If main stream is Mjpeg, the vision will flash when using dual stream. |                 |          |                |       |             |     |                |      |                    |                     |                     |
| AV10005     | 65147                                                                                                                                                         | H.264<br>M-JPEG | 1        | 3648x2752      | -     | -           | -   | Yes            | -    | Yes                | Yes                 |                     |
| AV10115     | 65218                                                                                                                                                         | H.264<br>M-JPEG | 1        | 3648x2752      | -     | 1/1         | -   | Yes            | -    | Yes                | Yes                 |                     |
| AV10255     | 65218                                                                                                                                                         | H.264<br>M-JPEG | 1        | 3648x2752      | -     | 1/1         | Yes | -              | -    | Yes                | Yes                 |                     |
| AV12186     | 65184                                                                                                                                                         | H264<br>MJPEG   | 4        | 2048x1536      | -     | 1/1         | -   | Yes            | -    | -                  | Yes                 |                     |
| Note:       | DI can't work.                                                                                                                                                |                 |          |                |       |             |     |                |      |                    |                     |                     |

## Arecont



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name    | Tested Firmware                                                                                                                                                                                    | Video Format    | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| <b>AV20185</b> | 65183                                                                                                                                                                                              | H.264<br>M-JPEG | 4        | 2560x1920      | -     | 1/1    | -   | Yes            | -    | Yes                | Yes                 |                     |
| Note:          | AV20185 include AV20185DN, AV20185CO                                                                                                                                                               |                 |          |                |       |        |     |                |      |                    |                     |                     |
| <b>AV20365</b> | 65183                                                                                                                                                                                              | H.264<br>M-JPEG | 4        | 2560x1920      | -     | 1/1    | -   | Yes            | -    | Yes                | Yes                 | Supported by design |
| Note:          | On-edge motion: turn off the "enable extended on motion detection" function on camera web.<br>AV20365 include AV20365DN, AV20365CO                                                                 |                 |          |                |       |        |     |                |      |                    |                     |                     |
| Note:          | For multiple-channel models, such as AV8180 and AV20185DN, there might be some issues if configuring different protocols on each channel. (i.e. the resolution we receive is half of the original) |                 |          |                |       |        |     |                |      |                    |                     |                     |

## AMTK



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                                                                                         | Tested Firmware  | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-----------------------------------------------------------------------------------------------------|------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| AM2030D                                                                                             | refer to AM2590D | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| AM2110D                                                                                             | refer to AM2120D | H.264<br>M-JPEG          | 1        | 1600x1200      | 1-way | 0/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| AM2120D                                                                                             | 6.B.2.9031       | H.264<br>M-JPEG          | 1        | 1600x1200      | 1-way | 0/0    | -   | Yes            | Yes  | Yes*                |                     |
| AM2221D                                                                                             | refer to AM2231D | H.264<br>MPEG4<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| AM2231D                                                                                             | 6.C.2.8943       | H.264<br>MPEG4<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>Note</b> AM2221D, AM2231D preset name can't contain blanks.                                      |                  |                          |          |                |       |        |     |                |      |                     |                     |
| AM2530D                                                                                             | refer to AM2590D | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| AM2570D                                                                                             | refer to AM2590D | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| AM2590D                                                                                             | 6.D.2.9659       | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>Note</b> Initail output status will not synchronize to real output voltage by HW issue.          |                  |                          |          |                |       |        |     |                |      |                     |                     |
| AM2630D                                                                                             | refer to AM2590D | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| AM2730D                                                                                             | refer to AM2590D | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>Note</b> All models always can use http port 80 to connect after changing http port by FW issue. |                  |                          |          |                |       |        |     |                |      |                     |                     |

## ARM



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|-----------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| MP13DDNWD   |                 | MPEG4 M-JPEG | 1        | 1280x960       | 1-way | 1/1    | -   | Yes            | -    | -                   | Supported by design |
| MP13VPDN    |                 | MPEG4 M-JPEG | 1        | 1280x960       | 1-way | 1/1    | -   | Yes            | -    | -                   | Supported by design |

## Asoni



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name    | Tested Firmware | Video Format    | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|----------------|-----------------|-----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>CAM613M</b> |                 | H.264<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM614</b>  |                 | H.264<br>M-JPEG | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM615</b>  |                 | H.264<br>M-JPEG | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM616M</b> |                 | H.264<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM619M</b> |                 | H.264<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM620</b>  |                 | H.264<br>M-JPEG | 1        | 720x576        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM624M</b> |                 | H.264<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM625M</b> |                 | H.264<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM627M</b> |                 | H.264<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM628M</b> |                 | H.264<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM630</b>  |                 | H.264<br>M-JPEG | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM632</b>  |                 | H.264<br>M-JPEG | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM633</b>  |                 | H.264<br>M-JPEG | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM634M</b> |                 | H.264<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM637M</b> |                 | H.264<br>M-JPEG | 1        | 1600x1200      | 1-way | 0/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM638</b>  |                 | H.264<br>M-JPEG | 1        | 640x480        | 1-way | 0/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM639</b>  |                 | H.264<br>M-JPEG | 1        | 1280x1024      | 1-way | 0/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM640</b>  |                 | H.264<br>M-JPEG | 1        | 640x480        | 1-way | 0/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM641</b>  |                 | H.264<br>M-JPEG | 1        | 1280x1024      | 1-way | 0/0    | -   | Yes            | Yes  | Yes*                | Supported by design |

## Asoni



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name    | Tested Firmware | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|----------------|-----------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>CAM642M</b> |                 | H.264 M-JPEG | 1        | 1600x1200      | 1-way | 0/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM647</b>  |                 | H.264 M-JPEG | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>CAM656D</b> |                 | H.264 M-JPEG | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>SVR610</b>  |                 | H.264 M-JPEG | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>SVR611</b>  |                 | H.264 M-JPEG | 1        | 720x576        | 1-way | 2/2    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>SVR640</b>  |                 | H.264 M-JPEG | 4        | 720x480        | 1-way | 4/4    | Yes | Yes            | Yes  | Yes*                | Supported by design |



## AXIS



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware             | Video Format    | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-----------------|-----------------------------|-----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>205</b>      |                             | M-JPEG          | 1        | 640x480        | -     | -      | -   | Yes            | -    | Yes*                | Supported by design |
| <b>206</b>      |                             | M-JPEG          | 1        | 640x480        | -     | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>206M</b>     |                             | M-JPEG          | 1        | 1280x1024      | -     | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>206W</b>     |                             | M-JPEG          | 1        | 640x480        | -     | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>207</b>      | 4.40                        | MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>207MW</b>    |                             | MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>207W</b>     |                             | MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| Note:           | Not support audio in M-JPEG |                 |          |                |       |        |     |                |      |                     |                     |
| <b>209FD</b>    |                             | MPEG4<br>M-JPEG | 1        | 640x480        | -     | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>209FD-R</b>  |                             | MPEG4<br>M-JPEG | 1        | 640x480        | -     | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>209MFD</b>   |                             | MPEG4<br>M-JPEG | 1        | 1280x1024      | -     | -      | Yes | Yes            | Yes  | Yes*                |                     |
| <b>209MFD-R</b> |                             | MPEG4<br>M-JPEG | 1        | 1280x1024      | -     | -      | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>210</b>      |                             | MPEG4<br>M-JPEG | 1        | 640x480        | -     | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>210A</b>     | 4.40                        | MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>211</b>      |                             | MPEG4<br>M-JPEG | 1        | 640x480        | -     | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>211A</b>     |                             | MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>211M</b>     |                             | MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>211W</b>     |                             | MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>212</b>      |                             | MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |

# Titan NVR Supported Camera List



DP v2.17\_release date\_2013.09

## AXIS



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

| Device Name                             | Tested Firmware | Video Format    | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-----------------------------------------|-----------------|-----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| Note: 212 include 212 PTZ and 212 PTZ-V |                 |                 |          |                |       |        |     |                |      |                     |                     |
| <b>213</b>                              |                 | MPEG4<br>M-JPEG | 1        | 704x576        | 1-way | 2/3    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note: 213 include 213 PTZ               |                 |                 |          |                |       |        |     |                |      |                     |                     |
| <b>214</b>                              | 4.33            | MPEG4<br>M-JPEG | 1        | 704x480        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note: 214 include 214 PTZ               |                 |                 |          |                |       |        |     |                |      |                     |                     |
| <b>215</b>                              |                 | MPEG4<br>M-JPEG | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note: 215 include 215 PTZ and 215 PTZ-E |                 |                 |          |                |       |        |     |                |      |                     |                     |
| <b>216FD</b>                            |                 | MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>216FD-V</b>                          |                 | MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>216MFD</b>                           |                 | MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>216MFD-V</b>                         |                 | MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>221</b>                              |                 | MPEG4<br>M-JPEG | 1        | 640x480        | -     | 2/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>223M</b>                             |                 | MPEG4<br>M-JPEG | 1        | 1600x1200      | 1-way | 2/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>225FD</b>                            |                 | MPEG4<br>M-JPEG | 1        | 640x480        | -     | 2/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>231D</b>                             |                 | MPEG4<br>M-JPEG | 1        | 704x576        | -     | 4/4    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note: 231D include 231D+                |                 |                 |          |                |       |        |     |                |      |                     |                     |
| <b>232D</b>                             |                 | MPEG4<br>M-JPEG | 1        | 704x576        | -     | 4/4    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note: 232D include 232D+                |                 |                 |          |                |       |        |     |                |      |                     |                     |
| <b>233D</b>                             |                 | MPEG4<br>M-JPEG | 1        | 704x576        | 1-way | 4/4    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>2400</b>                             |                 | M-JEPG          | 4        | 704x576        | -     | 4/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>240Q</b>                             |                 | M-JEPG          | 4        | 704x576        | -     | 4/4    | -   | Yes            | Yes  | Yes*                | Supported by design |

# Titan NVR Supported Camera List



DP v2.17\_release date\_2013.09

## AXIS



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

| Device Name                             | Tested Firmware | Video Format       | Video Ch | Max Resolution | Audio | I/O Ch  | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-----------------------------------------|-----------------|--------------------|----------|----------------|-------|---------|-----|----------------|------|---------------------|---------------------|
| <b>240Q Blade</b>                       |                 | M-JPEG             | 4        | 704x576        | -     | 4/4     | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>241Q</b>                             |                 | MPEG4 M-JPEG       | 4        | 704x576        | -     | 4/4     | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>241Q Blade</b>                       |                 | MPEG4 M-JPEG       | 4        | 704x576        | -     | 4/4     | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>241QA</b>                            | 4.30            | MPEG4 M-JPEG       | 4        | 704x576        | 1-way | 4/4     | -   | Yes            | Yes  | Yes*                |                     |
| <b>241S</b>                             |                 | MPEG4 M-JPEG       | 1        | 704x576        | -     | 4/4     | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>241S Blade</b>                       |                 | MPEG4 M-JPEG       | 1        | 704x576        | -     | 4/4     | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>241SA</b>                            |                 | MPEG4 M-JPEG       | 1        | 704x576        | 1-way | 4/4     | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>242S</b>                             |                 | MPEG4 M-JPEG       | 1        | 704x576        | -     | 4/4     | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>243Q</b>                             |                 | MPEG4 M-JPEG       | 1        | 704x576        | -     | 1/1     | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>243Q Blade</b>                       |                 | MPEG4 M-JPEG       | 1        | 704x576        | -     | 1/1     | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>243SA</b>                            |                 | MPEG4 M-JPEG       | 1        | 704x576        | 1-way | 4/4     | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>2460</b>                             |                 | M-JPEG             | 4        | 704x576        | -     | 4/1     | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>247S</b>                             |                 | MPEG4 M-JPEG       | 1        | 704x576        | 1-way | 1/1     | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>Generic</b>                          |                 | MPEG4 M-JPEG       | Max 4    | by Camera      | 1-way | Max 4/4 | Yes | Yes            | -    | Yes*                |                     |
| Note: Only guarantee stream works fine. |                 |                    |          |                |       |         |     |                |      |                     |                     |
| <b>M1011</b>                            | 5.00            | H.264 MPEG4 M-JPEG | 1        | 640x480        | -     | -       | -   | Yes            | Yes  | Yes                 |                     |
| <b>M1011-W</b>                          | 5.00            | H.264 MPEG4 M-JPEG | 1        | 640x480        | -     | -       | -   | Yes            | Yes  | Yes                 |                     |
| <b>M1013</b>                            | 5.40.5.1        | H.264 M-JPEG       | 1        | 800x600        | -     | -       | -   | Yes            | Yes  | Yes                 |                     |
| <b>M1014</b>                            | 5.40.5          | H.264 M-JPEG       | 1        | 1280x800       | -     | -       | -   | Yes            | Yes  | Yes                 |                     |

## AXIS



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware                                                    | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-----------------|--------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>M1031-W</b>  | 5.00                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | Yes                 |                     |
| <b>M1034-W</b>  | 5.40beta1                                                          | H.264<br>M-JPEG          | 1        | 1280x800       | -     | -      | -   | Yes            | Yes  | Yes                 |                     |
| <b>M1054</b>    | 5.15                                                               | H.264<br>M-JPEG          | 1        | 1024x640       | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| <b>M1103</b>    |                                                                    | H.264<br>M-JPEG          | 1        | 800x600        | -     | -      | Yes | Yes            | Yes* | Yes                 | Supported by design |
| <b>M1104</b>    | 5.09                                                               | H.264<br>M-JPEG          | 1        | 1280x800       | -     | -      | -   | Yes            | Yes* | Yes                 |                     |
| <b>M1113</b>    | 5.08                                                               | H.264<br>M-JPEG          | 1        | 800x600        | -     | -      | Yes | Yes            | Yes  | Yes                 | *                   |
| <b>M1114</b>    |                                                                    | H.264<br>M-JPEG          | 1        | 1280x800       | -     | -      | -   | Yes            | Yes* | Yes                 | Supported by design |
| Note:           | M1113-E is compatible with M1113, M1114-E is compatible with M1114 |                          |          |                |       |        |     |                |      |                     |                     |
| <b>M1143-L</b>  | 5.40beta19                                                         | H.264<br>M-JPEG          | 1        | 800x600        | -     | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| <b>M1144</b>    | 5.40.10.4                                                          | H.264<br>M-JPEG          | 1        | 1280x800       | -     | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| <b>M3004</b>    | 5.40.5.2                                                           | H.264<br>M-JPEG          | 1        | 1280x800       | -     | -      | -   | Yes            | Yes  | Yes                 |                     |
| <b>M3005</b>    | 5.40.5.3                                                           | H.264<br>M-JPEG          | 1        | 1920x1080      | -     | -      | -   | Yes            | Yes  | Yes                 |                     |
| <b>M3006</b>    | 5.40.13                                                            | H.264<br>M-JPEG          | 1        | 2048x1536      | -     | -      | -   | Yes            | Yes  | Yes                 |                     |
| <b>M3007</b>    | 5.40.13.1                                                          | H.264<br>M-JPEG          | 1        | 2592x1944      | -     | -      | Yes | Yes            | Yes  | Yes                 |                     |
| Note:           | M3007 is fisheye camera                                            |                          |          |                |       |        |     |                |      |                     |                     |
| <b>M3011</b>    | 5.01                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | -     | -      | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>M3014</b>    |                                                                    | H.264<br>M-JPEG          | 1        | 1280x800       | -     | -      | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>M3113-R</b>  |                                                                    | H.264<br>M-JPEG          | 1        | 800x600        | -     | -      | Yes | Yes            | Yes  | Yes                 | Supported by design |
| <b>M3113-VE</b> |                                                                    | H.264<br>M-JPEG          | 1        | 800x600        | -     | -      | Yes | Yes            | Yes  | Yes                 | Supported by design |

## AXIS



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware                  | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-----------------|----------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>M3114-R</b>  | 5.11                             | H.264<br>M-JPEG          | 1        | 1280x800       | -     | -      | Yes | Yes            | Yes  | Yes                 |                     |
| <b>M3114-VE</b> |                                  | H.264<br>M-JPEG          | 1        | 1280x800       | -     | -      | Yes | Yes            | Yes  | Yes                 | Supported by design |
| <b>M3203</b>    |                                  | H.264<br>M-JPEG          | 1        | 800x600        | -     | -      | -   | Yes            | Yes  | Yes                 | Supported by design |
| Note:           | M3203-V is compatible with M3203 |                          |          |                |       |        |     |                |      |                     |                     |
| <b>M3204</b>    |                                  | H.264<br>M-JPEG          | 1        | 1280x800       | -     | -      | -   | Yes            | Yes  | Yes                 | Supported by design |
| Note:           | M3204-V is compatible with M3204 |                          |          |                |       |        |     |                |      |                     |                     |
| <b>M5013</b>    |                                  | H.264<br>M-JPEG          | 1        | 800x600        | 1-way | -      | Yes | Yes            | Yes  | Yes                 | Supported by design |
| <b>M5014</b>    |                                  | H.264<br>MPEG4           | 1        | 1280x720       | 1-way | 2/2    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| <b>M7001</b>    |                                  | H.264<br>M-JPEG          | 1        | 720x576        | -     | -      | Yes | Yes            | Yes  | Yes                 | Supported by design |
| <b>M7010</b>    | 5.40.6.1                         | H.264<br>M-JPEG          | 4        | 720x576        | -     | -      | Yes | Yes            | Yes  | Yes                 |                     |
| <b>M7014</b>    | 5.40.7.1                         | H.264<br>M-JPEG          | 4        | 720x576        | -     | -      | Yes | Yes            | Yes  | Yes                 |                     |
| <b>P1204</b>    | 5.40.12                          | H.264<br>M-JPEG          | 1        | 1280x720       | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| <b>P1214</b>    | 5.40.12                          | H.264<br>M-JPEG          | 1        | 1280x720       | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| <b>P1311</b>    | 5.01                             | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| <b>P1343</b>    | 5.06                             | H.264<br>M-JPEG          | 1        | 800*600        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | *                   |
| <b>P1343-E</b>  |                                  | H.264<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| <b>P1344</b>    |                                  | H.264<br>M-JPEG          | 1        | 1280x800       | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| <b>P1344-E</b>  |                                  | H.264<br>M-JPEG          | 1        | 1280x800       | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| <b>P1346</b>    | 5.06                             | H.264<br>M-JPEG          | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | *                   |

# Titan NVR Supported Camera List



DP v2.17\_release date\_2013.09

## AXIS



- : not available on camera  
\*1: not available on software  
\*2: not test on software

Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name    | Tested Firmware                                                                    | Video Format    | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|----------------|------------------------------------------------------------------------------------|-----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>P1346-E</b> |                                                                                    | H.264<br>M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| <b>P1347</b>   | 5.11                                                                               | H.264<br>M-JPEG | 1        | 2560x1920      | 1-way | 1/1    | Yes | Yes            | Yes* | Yes                 |                     |
| <b>P1347-E</b> |                                                                                    | H.264<br>M-JPEG | 1        | 2560x1920      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| <b>P1354</b>   | 5.40.14                                                                            | H.264<br>M-JPEG | 1        | 1280x960       | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| Note:          | P1354 does not support AAC in MJPEG<br>H264 AAC not support in Titan v1.5.1        |                 |          |                |       |        |     |                |      |                     |                     |
| <b>P3301</b>   | 5.11                                                                               | H.264<br>M-JPEG | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>P3301-V</b> |                                                                                    | H.264<br>M-JPEG | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>P3304</b>   |                                                                                    | H.264<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| <b>P3304-V</b> |                                                                                    | H.264<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| <b>P3343</b>   | 5.06                                                                               | H.264<br>M-JPEG | 1        | 800x600        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| Note:          | P3343-V and P3343-VE are compatible with P3343<br>P3343 supports digital PTZ only. |                 |          |                |       |        |     |                |      |                     |                     |
| <b>P3344</b>   | 5.06                                                                               | H.264<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 |                     |
| Note:          | P3344-V and P3344-VE are compatible with P3344<br>P3344 supports digital PTZ only. |                 |          |                |       |        |     |                |      |                     |                     |
| <b>P3346</b>   | 5.20                                                                               | H.264<br>M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | Yes* | Yes                 |                     |
| Note:          | P3346-V and P3346-VE are compatible with P3346<br>P3346 supports digital PTZ only. |                 |          |                |       |        |     |                |      |                     |                     |
| <b>P3353</b>   |                                                                                    | H.264<br>M-JPEG | 1        | 800x600        | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| <b>P3354</b>   | 5.40.10.2                                                                          | H.264<br>M-JPEG | 1        | 1280x960       | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | tested by link      |
| <b>P3364</b>   | 5.40.10.2                                                                          | H.264<br>M-JPEG | 1        | 1280x960       | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | tested by link      |
| <b>P3367</b>   | 5.40.3                                                                             | H.264<br>M-JPEG | 1        | 2592x1944      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | tested by link      |

# Titan NVR Supported Camera List



DP v2.17\_release date\_2013.09

## AXIS



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

| Device Name                                                              | Tested Firmware | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------------------------------------------------------------------|-----------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| Note: P3367-V, P3367-VE are compatible with P3367                        |                 |              |          |                |       |        |     |                |      |                     |                     |
| P5512                                                                    |                 | H.264 M-JPEG | 1        | 704x480        | 1-way | 4/4    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| P5512-E                                                                  |                 | H.264 M-JPEG | 1        | 704x480        | 1-way | 4/4    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| P5522                                                                    |                 | H.264 M-JPEG | 1        | 720x480        | 1-way | 4/4    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| P5522-E                                                                  |                 | H.264 M-JPEG | 1        | 720x480        | 1-way | 4/4    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| P5532                                                                    | 5.15            | H.264 M-JPEG | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | Yes* | Yes                 |                     |
| P5532-E                                                                  |                 | H.264 M-JPEG | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| P5534                                                                    | 5.15.1          | H.264 M-JPEG | 1        | 1280x720       | 1-way | 2/2    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| P5534-E                                                                  |                 | H.264 M-JPEG | 1        | 1280x720       | 1-way | 2/2    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| P5544                                                                    | 5.41.2.1        | H.264 M-JPEG | 1        | 1280x720       | 1-way | 4/4    | Yes | Yes            | Yes  | Yes                 |                     |
| Note: P5544 is two lens (fisheye and PTZ) camera                         |                 |              |          |                |       |        |     |                |      |                     |                     |
| P7210                                                                    | 5.40.6.1        | H.264 M-JPEG | 16*      | 720x576        | 1-way | 16/16  | Yes | Yes            | Yes  | Yes                 |                     |
| Note: P7210 is 4IP x 4channels video server                              |                 |              |          |                |       |        |     |                |      |                     |                     |
| P7214                                                                    | Refer to P7210  | H.264 M-JPEG | 4        | 720x576        | 1-way | 4/4    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| P7224                                                                    | 5.40.7          | H.264 M-JPEG | 4        | 720x576        | 1-way | 4/4    | Yes | Yes            | Yes  | Yes                 |                     |
| Note: P7224 can't use second audio input. First audio only support G.711 |                 |              |          |                |       |        |     |                |      |                     |                     |
| P8221                                                                    | 5.10.2          | *2           | 1        | -              | *2    | *2     | -   | -              | *2   | -                   |                     |
| Note: Network I/O audio module                                           |                 |              |          |                |       |        |     |                |      |                     |                     |
| P8513                                                                    | Refer to P8514  | H.264 M-JPEG | 1        | 800x600        | -     | 0/0    | -   | Yes            | Yes  | Yes                 | Supported by design |
| P8514                                                                    | 5.21            | H.264 M-JPEG | 1        | 1280x800       | -     | 0/0    | -   | Yes            | Yes  | Yes                 |                     |
| Q1602                                                                    | 5.40.3          | H.264 M-JPEG | 1        | 768x576        | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | tested by link      |

# Titan NVR Supported Camera List



DP v2.17\_release date\_2013.09

## AXIS



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                                  | Video Format    | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|------------------------------------------------------------------------------------------------------------------|-----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| Note:       | P7210, P8514, Q1602 camera not testing Audio, I/O, UPNP capability<br>Q1602-E is compatible with Q1602           |                 |          |                |       |        |     |                |      |                     |                     |
| Q1604       | 5.40.3.2                                                                                                         | H.264<br>M-JPEG | 1        | 1280x960       | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| Note:       | 1. Not support AAC when codec is MJPEG<br>2. Does not support H264 CBR mode                                      |                 |          |                |       |        |     |                |      |                     |                     |
| Q1755       | 5.02                                                                                                             | H.264<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 |                     |
| Note:       | M-JPEG: Due to the HW constraints, the frame rate and audio will be impacted if resolution and quality are high. |                 |          |                |       |        |     |                |      |                     |                     |
| Q1755-E     |                                                                                                                  | H.264<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| Q1910       | 5.06                                                                                                             | H.264<br>M-JPEG | 1        | 720x576        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 |                     |
| Q1910-E     |                                                                                                                  | H.264<br>M-JPEG | 1        | 720x576        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| Q1921       | 5.11                                                                                                             | H.264<br>M-JPEG | 1        | 768x576        | -     | 2/0    | -   | Yes            | Yes* | Yes                 |                     |
| Note:       | Q1921 camera not testing Audio, I/O, UPNP capability                                                             |                 |          |                |       |        |     |                |      |                     |                     |
| Q1921-E     |                                                                                                                  | H.264<br>M-JPEG | 1        | 768x576        | -     | 2/0    | -   | Yes            | Yes  | Yes                 | Supported by design |
| Q1922       | Refer to Q1921                                                                                                   | H.264<br>M-JPEG | 1        | 800x600        | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| Q6032       |                                                                                                                  | H.264<br>M-JPEG | 1        | 752x480        | 1-way | 4/4    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| Q6032-E     | 5.05                                                                                                             | H.264<br>M-JPEG | 1        | 704x576        | -     | -      | Yes | Yes            | Yes  | Yes                 |                     |
| Q6034       | 5.20.3                                                                                                           | H.264<br>M-JPEG | 1        | 1280x720       | 1-way | 2/2    | Yes | Yes            | Yes* | Yes                 |                     |
| Q6034-E     |                                                                                                                  | H.264<br>M-JPEG | 1        | 1280x720       | 1-way | 2/2    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| Q6035       |                                                                                                                  | H.264<br>M-JPEG | 1        | 1920x1080      | 1-way | 4/4    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| Q6035-E     |                                                                                                                  | H.264<br>M-JPEG | 1        | 1920x1080      | 1-way | -      | Yes | Yes            | Yes  | Yes                 | Supported by design |
| Q7401       |                                                                                                                  | H.264<br>M-JPEG | 1        | 704x576        | 1-way | 2/2    | Yes | Yes            | Yes  | Yes                 | Supported by design |



## AXIS



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

| Device Name    | Tested Firmware | Video Format    | Video Ch | Max Resolution                | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks        |
|----------------|-----------------|-----------------|----------|-------------------------------|-------|--------|-----|----------------|------|---------------------|----------------|
| <b>Q7404</b>   | 5.02            | H.264<br>M-JPEG | 4        | 768x576                       | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 |                |
| <b>Q7406</b>   | 5.11.1          | H.264<br>M-JPEG | 6        | 704x576                       | -     | 1/1    | Yes | Yes            | Yes  | Yes                 |                |
| <b>Q7411</b>   | 5.40.13.1       | H.264<br>M-JPEG | 1        | 720x576                       | 1-way | 4/4    | Yes | Yes            | Yes  | Yes                 |                |
| <b>Q7414</b>   | 5.25            | H.264<br>M-JPEG | 4        | 720x576(PAL)<br>720x480(NTSC) | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | tested by link |
| <b>Q7424-R</b> | 5.40.10         | H.264<br>M-JPEG | 4        | 720x576                       | -     | 4/4    | Yes | Yes            | Yes  | Yes                 |                |

## Basler



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name           | Tested Firmware                   | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks                |
|-----------------------|-----------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|------------------------|
| <b>BIP-640c</b>       |                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | -     | 1/1    | -   | -              | -    | -                   | Tested by manufacturer |
| <b>BIP-640c-dn</b>    |                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | -     | 1/1    | -   | -              | -    | -                   | Tested by manufacturer |
| <b>BIP-1000c</b>      |                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 1024x768       | -     | 1/1    | -   | -              | -    | -                   | Tested by manufacturer |
| <b>BIP-1000c-dn</b>   |                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 1024x768       | -     | 1/1    | -   | -              | -    | -                   | Tested by manufacturer |
| <b>BIP-1300c</b>      |                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | -     | 1/1    | -   | -              | -    | -                   | Tested by manufacturer |
| <b>BIP-1300c-dn</b>   | BIP-1300c-dn-1.6-2                | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | -     | 1/1    | -   | Yes            | -    | -                   |                        |
| Note:                 | On-Edge Motion: H.264 and M-JPEG. |                          |          |                |       |        |     |                |      |                     |                        |
| <b>BIP-1600c</b>      |                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 1600x1200      | -     | 1/1    | -   | -              | -    | -                   | Tested by manufacturer |
| <b>BIP-1600c-dn</b>   |                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 1600x1200      | -     | 1/1    | -   | -              | -    | -                   | Tested by manufacturer |
| <b>BIP-D1000c-dn</b>  |                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 1024x768       | -     | 1/1    | -   | -              | -    | -                   | Tested by manufacturer |
| <b>BIP-D1300c-dn</b>  | BIP-D1300c-dn-1.6-1               | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | -     | 1/1    | -   | Yes            | -    | -                   |                        |
| Note:                 | On-Edge Motion: H.264 and M-JPEG. |                          |          |                |       |        |     |                |      |                     |                        |
| <b>BIP2-D1920c-DN</b> | 3.8.0                             | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1440      | -     | 1/1    | -   | Yes            | Yes  | Yes*                |                        |
| Note:                 | Not support Audio                 |                          |          |                |       |        |     |                |      |                     |                        |

## Bolide



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name            | Tested Firmware                                                                                 | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|------------------------|-------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>BN1009/PTZ3GIP</b>  | Refer to BN1009/PTZ WDRIP                                                                       | H.264 M-JPEG | 1        | D1             | 1-way | 1/0    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>BN1009/PTZWDRIP</b> | v1.6_build04 4014_106                                                                           | H.264 M-JPEG | 1        | D1             | 1-way | 1/0    | Yes | Yes            | -    | Yes*                |                     |
| <b>BN1009M/PTZ-18</b>  | v1.6_build04 4014_106                                                                           | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/0    | Yes | Yes            | -    | Yes*                |                     |
| <b>BN2002IP</b>        | Refer to BN2002WDRIP                                                                            | H.264 M-JPEG | 1        | D1             | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>BN2002WDRIP</b>     | v1.6_build04 4014_106                                                                           | H.264 M-JPEG | 1        | D1             | 1-way | 1/1    | Yes | Yes            | -    | Yes*                |                     |
| Note:                  | 1.Autodetect model fail due to incorrect model name response.<br>2.AlarmIn message is unstable. |              |          |                |       |        |     |                |      |                     |                     |
| <b>BN2009AVAIRIP</b>   | Refer to BN2002WDRIP                                                                            | H.264 M-JPEG | 1        | D1             | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>BN2009IRIP</b>      | Refer to BN2002WDRIP                                                                            | H.264 M-JPEG | 1        | D1             | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>BN2009WDRVAIRIP</b> | Refer to BN2002WDRIP                                                                            | H.264 M-JPEG | 1        | D1             | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>BN2035IRIP</b>      | Refer to BN2002WDRIP                                                                            | H.264 M-JPEG | 1        | D1             | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>BN2035WDRIP</b>     | Refer to BN2002WDRIP                                                                            | H.264 M-JPEG | 1        | D1             | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>BN5002M-A</b>       | v1.6_build04 4014_106                                                                           | H.264 M-JPEG | 1        | 1280x960       | 1-way | 1/1    | Yes | Yes            | -    | Yes*                |                     |
| Note:                  | 1.Autodetect model fail due to incorrect model name response.<br>2.AlarmIn message is unstable. |              |          |                |       |        |     |                |      |                     |                     |
| <b>BN5009M-A</b>       | Refer to BN5002M-A                                                                              | H.264 M-JPEG | 1        | 1280x960       | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>BN5035M-A</b>       | Refer to BN5002M-A                                                                              | H.264 M-JPEG | 1        | 1280x960       | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| Note:                  | All Bolide Model:<br>Changing MJPEG resolution may get Fail message due to camera FW issue.     |              |          |                |       |        |     |                |      |                     |                     |

## BOSCH



**BOSCH**  
Invented for life

Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                                                                                                                                                                                 | Tested Firmware                  | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>NBC-225-P</b>                                                                                                                                                                            | refer to NDC-225 (FW:39500570)   | H.264        | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>NBC-255-P</b>                                                                                                                                                                            | refer to NDC-225 (FW:39500570)   | H.264        | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>NBC-265-P</b>                                                                                                                                                                            | refer to NTC-265-PI(FW:39500570) | H.264        | 1        | 1280x720       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>NBC-274-P</b>                                                                                                                                                                            | refer to NTC-265-PI(FW:15500552) | H.264        | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>NBC-274-PM</b>                                                                                                                                                                           | refer to NTC-265-PI(FW:15500552) | H.264        | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>NBC-274-PT</b>                                                                                                                                                                           | refer to NTC-265-PI(FW:15500552) | H.264        | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>NDC-225</b>                                                                                                                                                                              | 39500570                         | H.264        | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:<br>When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'.<br>Audio Codec support g711, not support L1, AAC.  |                                  |              |          |                |       |        |     |                |      |                     |                     |
| <b>NDC-255-P</b>                                                                                                                                                                            | refer to NDC-225 (FW:39500570)   | H.264        | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>NDC-225-PI</b>                                                                                                                                                                           | refer to NDC-225 (FW:39500570)   | H.264        | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>NDC-265-P</b>                                                                                                                                                                            | refer to NTC-265-PI(FW:39500570) | H.264        | 1        | 1280x720       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>NDC-274-P</b>                                                                                                                                                                            | 15500552                         | H.264        | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| Note:<br>When H.264 quality is set to "0", the camera will Auto-adjust the quality setting. For minimum quality, the value should be "1".<br>Audio Codec support g711, not support L1, AAC. |                                  |              |          |                |       |        |     |                |      |                     |                     |
| <b>NDC-274-PT</b>                                                                                                                                                                           | refer to NDC-274-P               | H.264        | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |

## BOSCH



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name        | Tested Firmware                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Video Format    | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>NTC-255-PI</b>  | refer to NDC-225 (FW:39500570)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | H.264           | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>NTC-265-PI</b>  | refer to NDN-265-PIO (FW 39500570)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | H.264           | 1        | 1280x720       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>NDN-265-PIO</b> | 39500570                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | H.264           | 1        | 1280x720       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:              | It can't set resolution below 1280x720 when stream2 property set to "Copy Stream 1".<br>When H.264 quality is set to "0", the camera will Auto-adjust the quality setting. For minimum quality, the value should be "100"<br>Audio AAC can't work due to NUUO platform issues.                                                                                                                                                                                                                                                                                                   |                 |          |                |       |        |     |                |      |                     |                     |
| <b>NWC-455</b>     | 56500410                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | H.264<br>M-JPEG | 1        | 704x576        | -     | -      | -   | Yes            | -    | Yes*                | Supported by design |
| Note:              | Auto detect model unsupported.<br>H264 supports up to a maximum of 2CIF as this utilizes the Baseline Profile.<br>When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '100'.<br>When MJPEG quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'.<br>MJPEG frame rate depends on camera load. Value in settings dialog is not representative of actual frame rate.                                                                         |                 |          |                |       |        |     |                |      |                     |                     |
| <b>NWC-495</b>     | 56500410                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | H.264<br>M-JPEG | 1        | 704x576        | -     | -      | -   | Yes            | -    | Yes*                | Supported by design |
| Note:              | Cannot auto detect model.<br>H264 supports up to a maximum of 2CIF as this utilizes the Baseline Profile.<br>When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '100'.<br>When MJPEG quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'.<br>Firmware Issue: MJPEG framerate on settings dialog is incorrect. The value is always 25.<br>MJPEG unstable issue. Frame rate of MJPEG stream is dependent on the camera load and can vary. |                 |          |                |       |        |     |                |      |                     |                     |
| <b>NWD-455</b>     | 56500410                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | H.264<br>M-JPEG | 1        | 704x576        | -     | -      | -   | Yes            | -    | Yes                 | Supported by design |
| Note:              | Cannot auto detect model.<br>H264 supports up to a maximum of 2CIF as this utilizes the Baseline Profile.<br>When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '100'.<br>When MJPEG quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'.<br>Firmware Issue: MJPEG framerate on settings dialog is incorrect.<br>Firmware Issue: Framerate of MJPEG stream is unstable.                                                                 |                 |          |                |       |        |     |                |      |                     |                     |

## BOSCH



**BOSCH**  
Invented for life

Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name       | Tested Firmware                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Video Format    | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| <b>NWD-495</b>    | 56500410                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | H.264<br>M-JPEG | 1        | 704x576        | -     | -      | -   | Yes            | -    | Yes*                |         |
| Note:             | Cannot auto detect model.<br>H264 supports up to a maximum of 2CIF as this utilizes the Baseline Profile.<br>When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '100'.<br>When MJPEG quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'.<br>Firmware Issue: MJPEG framerate on settings dialog is incorrect. The value is always 25.<br>MJPEG unstable issue. Frame rate of MJPEG stream is dependent on the camera load and can vary. |                 |          |                |       |        |     |                |      |                     |         |
| <b>VIP-X1XF-E</b> | 39500570                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | H.264           | 1        | 704x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |
| Note:             | When H264 quality is set to '0', the camera will auto-adjust the quality setting. For minimum quality, the value should be '1'.<br>Audio Codec support g711, not support L1, AAC.                                                                                                                                                                                                                                                                                                                                                                                                |                 |          |                |       |        |     |                |      |                     |         |

## Brickcom



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware                                                                                                                                                                                                                                         | Video Format        | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks                |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|------------------------|
| <b>20xP</b>     | gk20121228 NSA                                                                                                                                                                                                                                          | H.264, MJPEG        | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                        |
| Note:           | Cover model: OSD-200Ap                                                                                                                                                                                                                                  |                     |          |                |       |        |     |                |      |                     |                        |
| <b>30xN</b>     | v3.2.1.0                                                                                                                                                                                                                                                | H.264, MJPEG, MPEG4 | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                        |
| Note:           | Cover model: WFB-300Np and VD-302Np and MD-300Np and OB-300Np and WOB-300Np and GOB-300Np and VD-300Np<br>MD-300Np is no support DI/DO and one way audio only.                                                                                          |                     |          |                |       |        |     |                |      |                     |                        |
| <b>130N</b>     | v3.1.0.9                                                                                                                                                                                                                                                | H.264 MPEG4 M-JPEG  | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                        |
| Note:           | OB-130Np, WOB-130Np, GOB-130Np, FD-130Np, VD-130Np. FB-130Np, WFB-130Np compare them with OB-130Np difference is w/o zoom control<br>Smart Zoom/Focus will spent 15s every time                                                                         |                     |          |                |       |        |     |                |      |                     |                        |
| <b>50xA</b>     | V3.2.0.3                                                                                                                                                                                                                                                | H.264 MPEG4 M-JPEG  | 1        | 2592x1944      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                        |
| Note:           | Covered model:FB-500Ap, WFB-500Ap, CB-500Ap, WCB-500Ap, CB-502Ap, WCB-502Ap, FD-500Ap, FD-502Ap , VD-500Ap, VD-502Ap , OB-500Af, MB-500Ap, WMB-500Ap<br>switch video resolution higher than 1920x1080 need waiting a period of time to reconnect stream |                     |          |                |       |        |     |                |      |                     |                        |
| <b>CB-100Ae</b> | v3.0.2.4                                                                                                                                                                                                                                                | MPEG4 M-JPEG        | 1        | 1280x800       | 1-way | -      | -   | -              | Yes  | Yes*                | Tested by manufacturer |
| <b>CB-100A</b>  | v3.0.2.4                                                                                                                                                                                                                                                | H.264 MPEG4 M-JPEG  | 1        | 1280x800       | 1-way | -      | -   | -              | Yes  | Yes*                | Tested by manufacturer |
| <b>FB-100Ae</b> | v3.0.2.3                                                                                                                                                                                                                                                | MPEG4 M-JPEG        | 1        | 1280x800       | 1-way | 1/0    | -   | -              | Yes  | Yes*                | Tested by manufacturer |
| <b>FB-100A</b>  | v3.0.2.3                                                                                                                                                                                                                                                | H.264 MPEG4 M-JPEG  | 1        | 1280x800       | 1-way | 1/0    | -   | -              | Yes  | Yes*                | Tested by manufacturer |
| <b>FD-100Ae</b> | v3.0.2.3                                                                                                                                                                                                                                                | MPEG4 M-JPEG        | 1        | 1280x800       | 1-way | 1/0    | -   | -              | Yes  | Yes*                | Tested by manufacturer |
| <b>FD-100A</b>  | v2.3.7.8                                                                                                                                                                                                                                                | H.264 MPEG4 M-JPEG  | 1        | 1280x800       | 1-way | 1/0    | -   | -              | Yes  | Yes*                |                        |
| <b>FD-130Ae</b> | Refer to VD-130Ap                                                                                                                                                                                                                                       | H.264 MPEG4 M-JPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design    |
| <b>FD-130Ap</b> | Refer to VD-130Ap                                                                                                                                                                                                                                       | H.264 MPEG4 M-JPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design    |
| <b>OB-100A</b>  | v3.1.0.8                                                                                                                                                                                                                                                | H.264 MPEG4 M-JPEG  | 1        | 1280x800       | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                        |
| <b>VD-130Ae</b> | Refer to VD-130Ap                                                                                                                                                                                                                                       | H.264 MPEG4 M-JPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design    |

## Brickcom



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name        | Tested Firmware                                                                                                                                                                                    | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks                |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|------------------------|
| <b>VD-130Ap</b>    |                                                                                                                                                                                                    | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                        |
| <b>W/VS-01A</b>    | v3.1.0.6                                                                                                                                                                                           | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                        |
| <b>WCB-100Ae</b>   | v3.0.2.4                                                                                                                                                                                           | MPEG4<br>M-JPEG          | 1        | 1280x800       | 1-way | -      | -   | -              | Yes  | Yes*                | Tested by manufacturer |
| <b>WCB-100A</b>    | v2.3.7.8                                                                                                                                                                                           | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | -      | -   | -              | Yes  | Yes*                |                        |
| <b>WFB-100Ae</b>   | v3.0.2.3                                                                                                                                                                                           | MPEG4<br>M-JPEG          | 1        | 1280x800       | 1-way | 1/0    | -   | -              | Yes  | Yes*                | Tested by manufacturer |
| <b>WFB-100A</b>    | v2.3.7.8                                                                                                                                                                                           | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1/0    | -   | -              | Yes  | Yes*                |                        |
| Note:              | On-edge motion is only workable when stream 1 is MPEG4 with the bitrate under 1.5Mbps or quality under 3. We don't promise the performance of MD if the configuration isn't within the limitation. |                          |          |                |       |        |     |                |      |                     |                        |
| <b>OSD/PZ-040D</b> | v3.1.0.8                                                                                                                                                                                           | H.264<br>MPEG4<br>M-JPEG | 1        | 720x480        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                        |
| <b>OSD/PZ-040E</b> | v3.1.0.8                                                                                                                                                                                           | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                        |



## Bullwark



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                                                                                             | Tested Firmware | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|---------------------------------------------------------------------------------------------------------|-----------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| <b>BLW-230MP-BS</b>                                                                                     | pm20120222 NSA  | MJPEG/H 264  | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |
| <b>BLW-230MP-DS</b>                                                                                     | pm20120222 NSA  | MJPEG/H 264  | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |
| <b>BLW-510MP-BS</b>                                                                                     | bg20121126 NSA  | MJPEG/H 264  | 1        | 2592x1944      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |
| <b>BLW-IN220X-S</b>                                                                                     | pm20120222 NSA  | MJPEG/H 264  | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | Yes  | Yes*                |         |
| <b>BLW-IR230MP-DSM</b>                                                                                  | pm20120222 NSA  | MJPEG/H 264  | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |
| <b>BLW-IR230MP-SM</b>                                                                                   | pm20120222 NSA  | MJPEG/H 264  | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |
| Note: 1920x1080 MJPEG Bit rate too high will affect camera parameter can not sync to camera information |                 |              |          |                |       |        |     |                |      |                     |         |
| <b>BLW-OUT220X-S</b>                                                                                    | pm20120222 NSA  | MJPEG/H 264  | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | Yes  | Yes*                |         |

## Centrix



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name    | Tested Firmware                                                                                                                                                                                                                                                                                    | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>B13H</b>    | v1.1.0.0                                                                                                                                                                                                                                                                                           | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>C10</b>     | refer to C10-W                                                                                                                                                                                                                                                                                     | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>C10-W</b>   | v1.1.0.0(built2)                                                                                                                                                                                                                                                                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| <b>D13HD</b>   | v1.1.0.0                                                                                                                                                                                                                                                                                           | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>Generic</b> | cx20130506 NSA                                                                                                                                                                                                                                                                                     | H.264<br>M-JPEG          | 1        | 2592x1944      | 1-way | 4/2    | *2  | Yes            | -    | Yes*                |                     |
| Note:          | Generic support model: MD20, MD50<br>Parameter setting will fail when mutistream is allow and resolution higher than 1080p.<br>PT function are not test on software.<br>The maximum resolution is depends on camera.<br>Camera firmwave must be cx20130506NSA or above then can use generic model. |                          |          |                |       |        |     |                |      |                     |                     |
| <b>W13H</b>    | v1.1.0.0(built2)                                                                                                                                                                                                                                                                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |

## CISCO



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name           | Tested Firmware                                  | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-----------------------|--------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>CIVS-IPC-2500</b>  | V1.1.3R15                                        | MPEG4 M-JPEG | 1        | 720x480        | 1-way | 2/2    | -   | -              | Yes  | -                   |                     |
| <b>CIVS-IPC-2500W</b> | V1.1.3R03                                        | MPEG4 M-JPEG | 1        | 720x480        | 1-way | 2/2    | -   | -              | Yes  | -                   |                     |
| <b>PVC-300</b>        | 1.0.0                                            | MPEG4 M-JPEG | 1        | 640x480        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:                 | PTZ is only supported by external RS-485 device. |              |          |                |       |        |     |                |      |                     |                     |

## CNB



- : not available on camera  
 \*1: not available on software  
 \*2: not test on software

Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes\*\*: support MPEG4 format  
 Dual stream support Yes: support H.264 format

| Device Name       | Tested Firmware                                                                                                                                                                                                                                                         | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>IBE3815NVR</b> |                                                                                                                                                                                                                                                                         | H.264<br>MPEG4<br>M-JPEG | 1        | 704x480        | 1-way | -      | Yes | -              | Yes  | Yes*                | Supported by design |
| <b>IBE3815PVR</b> |                                                                                                                                                                                                                                                                         | H.264<br>MPEG4<br>M-JPEG | 1        | 704x576        | 1-way | -      | Yes | -              | Yes  | Yes*                | Supported by design |
| <b>IBE5810NCR</b> |                                                                                                                                                                                                                                                                         | H.264<br>MPEG4<br>M-JPEG | 1        | 704x480        | 1-way | -      | Yes | -              | Yes  | Yes*                | Supported by design |
| <b>IBE5810PCR</b> |                                                                                                                                                                                                                                                                         | H.264<br>MPEG4<br>M-JPEG | 1        | 704x576        | 1-way | -      | Yes | -              | Yes  | Yes*                | Supported by design |
| <b>IBP5030CR</b>  | XNET.A1-<br>2.01.13.0204                                                                                                                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:             | In the MJPEG format, the fps is not enough when resolution is XGA or SXGA.                                                                                                                                                                                              |                          |          |                |       |        |     |                |      |                     |                     |
| <b>IDC4000T</b>   | XNET.T1-<br>1.0.13.0424                                                                                                                                                                                                                                                 | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes**               |                     |
| Note:             | IDC4000T:<br>1. When setting Video MPEG with CBR in 4000 bitrate on camera web, the CGI will return incorrect video bitrate. It causes software show incorrect item "1M".<br>2. When trigger DI, DO will be triggered simultaneously.<br>3. 2nd stream format is MPEG4. |                          |          |                |       |        |     |                |      |                     |                     |
| <b>IDC4050F</b>   | XNET.M1-<br>3.00.13.0204                                                                                                                                                                                                                                                | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:             | 1. Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue.<br>2. When it selects MJPEG, 1fps, the actually received fps is 6.                                                                                                                |                          |          |                |       |        |     |                |      |                     |                     |
| <b>IDC4050IR</b>  | XNET.M1-<br>3.00.13.0204                                                                                                                                                                                                                                                | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:             | 1. Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue.<br>2. When it selects MJPEG, 1fps, the actually received fps is 6.                                                                                                                |                          |          |                |       |        |     |                |      |                     |                     |
| <b>IDC4050VF</b>  | XNET.M1-<br>3.00.13.0204                                                                                                                                                                                                                                                | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:             | 1. Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue.<br>2. When it selects MJPEG, 1fps, the actually received fps is 6.                                                                                                                |                          |          |                |       |        |     |                |      |                     |                     |
| <b>IDC4050VR</b>  | XNET.M1-<br>3.00.13.0204                                                                                                                                                                                                                                                | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:             | 1. Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue.<br>2. When it selects MJPEG, 1fps, the actually received fps is 6.                                                                                                                |                          |          |                |       |        |     |                |      |                     |                     |
| <b>IDP4000VD</b>  | XNET.A1-<br>1.1.9.1104                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | -      | -   | -              | Yes  | Yes*                |                     |

## CNB



- : not available on camera  
 \*1: not available on software  
 \*2: not test on software

Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes\*\*: support MPEG4 format  
 Dual stream support Yes: support H.264 format

| Device Name      | Tested Firmware                                                                                                                                          | Video Format             | Video Ch | Max Resolution           | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|--------------------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>IDP4000VR</b> | XNET.A1-1.1.9.1104                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480                  | 1-way | -      | -   | -              | Yes  | Yes*                |                     |
| <b>IDP4030VR</b> | XNET.A1-2.01.13.0204                                                                                                                                     | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960                 | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:            | In the MJPEG format, the fps is not enough when resolution is XGA or SXGA.                                                                               |                          |          |                          |       |        |     |                |      |                     |                     |
| <b>IDP5035VR</b> | XNET.M2-3.00.13.0204                                                                                                                                     | H.264                    | 1        | 1280x1024                | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:            | Firmware issue, failed to set bitrate as 128k over VGA/D1.                                                                                               |                          |          |                          |       |        |     |                |      |                     |                     |
| <b>IGC2050F</b>  | XNET.M1-3.00.13.0204                                                                                                                                     | H.264<br>M-JPEG          | 1        | 1920x1080                | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:            | 1. Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue.<br>2. When it selects MJPEG, 1fps, the actually received fps is 6. |                          |          |                          |       |        |     |                |      |                     |                     |
| <b>IGP1000</b>   |                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480                  | 1-way | -      | Yes | -              | Yes  | -                   | Supported by design |
| <b>IGP1030</b>   | XNET.A1-2.01.13.0204                                                                                                                                     | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960                 | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:            | In the MJPEG format, the fps is not enough when resolution is XGA or SXGA.                                                                               |                          |          |                          |       |        |     |                |      |                     |                     |
| <b>IGP2035F</b>  | XNET.M2-3.00.13.0204                                                                                                                                     | H.264                    | 1        | 1280x1024                | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:            | Firmware issue, failed to set bitrate as 128k over VGA/D1.                                                                                               |                          |          |                          |       |        |     |                |      |                     |                     |
| <b>IJB2000</b>   |                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 704x576                  | 1-way | -      | Yes | -              | Yes  | -                   | Supported by design |
| <b>INS2000</b>   | XNET.A1-2.01.13.0204                                                                                                                                     | H.264<br>MPEG4<br>M-JPEG | 1        | 704x576                  | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 |                     |
| Note:            | INS2000:<br>1. digital input(DI) can't not be used.<br>2. 2nd stream format could be MJPEG, MPEG4 or H.264. It will be same as main stream format.       |                          |          |                          |       |        |     |                |      |                     |                     |
| <b>IPM3063N</b>  |                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 704x480                  | 1-way | -      | Yes |                | Yes  | -                   | Supported by design |
| <b>IPM3063P</b>  |                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 704x576                  | 1-way | -      | Yes | -              | Yes  | -                   | Supported by design |
| <b>IS1765x</b>   | Refer to ISMC1063x                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 704x480(N)<br>704x576(P) | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |

# Titan NVR Supported Camera List



DP v2.17\_release date\_2013.09

## CNB



- : not available on camera  
 \*1: not available on software  
 \*2: not test on software

Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes\*\*: support MPEG4 format  
 Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware                                                                                                                                          | Video Format             | Video Ch | Max Resolution           | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|--------------------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| ISMC1063N       |                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 704x480                  | 1-way | -      | Yes | Yes            | Yes  | -                   | Supported by design |
| ISMC1063x       | XNET.A1-<br>2.01.13.020<br>4                                                                                                                             | H.264<br>MPEG4<br>M-JPEG | 1        | 704x480(N)<br>704x576(P) | 1-way | 4/0    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:           | ISMC1063x includes ISMC1063P and ISMC1063N<br>1. Not support Audio codec G.726 when using TCP connection.                                                |                          |          |                          |       |        |     |                |      |                     |                     |
| ISS2765NW       |                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 704x480                  | 1-way | -      | Yes | -              | Yes  | -                   | Supported by design |
| ISS2765PW       |                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 704x576                  | 1-way | -      | Yes | -              | Yes  | -                   | Supported by design |
| ISS2965x        | Refer to<br>ISMC1063x                                                                                                                                    | H.264<br>MPEG4<br>M-JPEG | 1        | 704x480(N)<br>704x576(P) | 1-way | 4/0    | Yes | Yes            | Yes  | -                   | Supported by design |
| ISS4032Z2<br>8W | XNET.M2-<br>3.00.13.020<br>4                                                                                                                             | H.264                    | 1        | 1280x1024                | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:           | Firmware issue, failed to set bitrate as 128k over VGA/D1.                                                                                               |                          |          |                          |       |        |     |                |      |                     |                     |
| ISSM2063x       | Refer to<br>ISMC1063x                                                                                                                                    | H.264<br>MPEG4<br>M-JPEG | 1        | 704x480(N)<br>704x576(P) | 1-way | 4/0    | Yes | Yes            | Yes  | -                   | Supported by design |
| IVC5055VF       | Refer to<br>IDC4050IR                                                                                                                                    | H.264<br>M-JPEG          | 1        | 1920x1080                | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| IVC5055VR       | XNET.M1-<br>3.00.13.020<br>4                                                                                                                             | H.264<br>M-JPEG          | 1        | 1920x1080                | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:           | 1. Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue.<br>2. When it selects MJPEG, 1fps, the actually received fps is 6. |                          |          |                          |       |        |     |                |      |                     |                     |
| IVP4000VR       | XNET.A1-<br>1.1.9.1028                                                                                                                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480                  | 1-way | -      | -   | -              | Yes  | Yes*                |                     |
| IVP4030VR       |                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960                 | 1-way | -      | -   | -              | Yes  | Yes*                | Supported by design |
| IVP4030VR       | XNET.A1-<br>2.01.13.020<br>4                                                                                                                             | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960                 | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:           | In the MJPEG format, the fps is not enough when resolution is XGA or SXGA.                                                                               |                          |          |                          |       |        |     |                |      |                     |                     |
| IVP5035VR       | Refer to<br>IGP2035F<br>(XNET.M2-<br>2.00.12.102<br>6)                                                                                                   | H.264                    | 1        | 1280x1024                | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |

## CNB



- : not available on camera  
 \*1: not available on software  
 \*2: not test on software

Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes\*\*: support MPEG4 format  
 Dual stream support Yes: support H.264 format

| Device Name      | Tested Firmware                                                                                                                                          | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>IVP5035VR</b> | XNET.M2-3.00.13.0204                                                                                                                                     | H.264        | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:            | Firmware issue, failed to set bitrate as 128k over VGA/D1.                                                                                               |              |          |                |       |        |     |                |      |                     |                     |
| <b>IXC2050IR</b> | XNET.M1-3.00.13.0204                                                                                                                                     | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:            | 1. Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue.<br>2. When it selects MJPEG, 1fps, the actually received fps is 6. |              |          |                |       |        |     |                |      |                     |                     |
| <b>IXP3035VR</b> | XNET.M2-3.00.13.0204                                                                                                                                     | H.264        | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| Note:            | Firmware issue, failed to set bitrate as 128k over VGA/D1.                                                                                               |              |          |                |       |        |     |                |      |                     |                     |
| <b>NDE5055MF</b> | XNET.N1-1.02.13.0204                                                                                                                                     | H.264        | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:            | 1. Video connection cannot establish when the setting of bitrate is 9M or 10M.                                                                           |              |          |                |       |        |     |                |      |                     |                     |
| <b>NDE5055VR</b> | XNET.N1-1.02.13.0204                                                                                                                                     | H.264        | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:            | 1. Video connection cannot establish when the setting of bitrate is 9M or 10M.                                                                           |              |          |                |       |        |     |                |      |                     |                     |
| <b>NGE2055F</b>  | XNET.N1-1.02.13.0204                                                                                                                                     | H.264        | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:            | 1. Video connection cannot establish when the setting of bitrate is 9M or 10M.                                                                           |              |          |                |       |        |     |                |      |                     |                     |
| <b>NVE5055MF</b> | XNET.N1-1.02.13.0204                                                                                                                                     | H.264        | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:            | 1. Video connection cannot establish when the setting of bitrate is 9M or 10M.                                                                           |              |          |                |       |        |     |                |      |                     |                     |
| <b>NVE5055VR</b> | XNET.N1-1.02.13.0204                                                                                                                                     | H.264        | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:            | 1. Video connection cannot establish when the setting of bitrate is 9M or 10M.                                                                           |              |          |                |       |        |     |                |      |                     |                     |
| <b>NXE3055MR</b> | XNET.N1-1.02.13.0204                                                                                                                                     | H.264        | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:            | 1. Video connection cannot establish when the setting of bitrate is 9M or 10M.                                                                           |              |          |                |       |        |     |                |      |                     |                     |
| <b>NXE3055VR</b> | XNET.N1-1.02.13.0204                                                                                                                                     | H.264        | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:            | 1. Video connection cannot establish when the setting of bitrate is 9M or 10M.                                                                           |              |          |                |       |        |     |                |      |                     |                     |

## COP



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware | Video Format    | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-------------|-----------------|-----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| 15-WS01D    | 1.00.10.5168    | H.264<br>M-JPEG | 1        | D1             | 1-way | -      | Yes | Yes            | Yes  | Yes*                |         |



## CORUM



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                              | Tested Firmware                                                                                                                                                                                                                                                                                                                                                                            | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>CS-150-IO</b>                         | VB1.0.28_YC                                                                                                                                                                                                                                                                                                                                                                                | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:                                    | When input under N.C status, needs trigger input more than 10 sec if you want to cancel event of input.<br>Under particular operation, The quality or resolution of video parameter can't be set. Needs set quality on camera web again.<br>The particular operations sequence is as follows:<br>In Advanced Mode -> use VBR -> Apply -> use CBR -> Apply -> change to Basic Mode -> Apply |                          |          |                |       |        |     |                |      |                     |                     |
| <b>CS-190-IO / CS-190-IP / CS-190-IW</b> |                                                                                                                                                                                                                                                                                                                                                                                            | H.264<br>M-JPEG          | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |
| <b>CS-195-IO</b>                         | VB1.0.28_YC                                                                                                                                                                                                                                                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:                                    | Not support 2nd stream in maximum frame rate of 1080P.<br>When input under N.C status, needs trigger input more than 10 sec if you want to cancel event of input.<br>Under particular operation, The quality or resolution of video parameter can't be set. Needs set quality on camera web again.<br>The particular operations sequence is as follows:                                    |                          |          |                |       |        |     |                |      |                     |                     |
| <b>CS-265-IO / CS-265-IP / CS-265-IW</b> |                                                                                                                                                                                                                                                                                                                                                                                            | H.264<br>M-JPEG          | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |
| <b>CS-270-IO</b>                         | VB 1.0.28                                                                                                                                                                                                                                                                                                                                                                                  | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | -                   |                     |
| <b>CS-285-IP / CS-285-IW</b>             |                                                                                                                                                                                                                                                                                                                                                                                            | H.264<br>M-JPEG          | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |
| <b>CS-310-IO</b>                         | VB1.0.28_YC                                                                                                                                                                                                                                                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | -     | -      | -   | Yes            | Yes  | Yes*                |                     |
| Note:                                    | When input under N.C status, needs trigger input more than 10 sec if you want to cancel event of input.<br>Under particular operation, The quality or resolution of video parameter can't be set. Needs set quality on camera web again.                                                                                                                                                   |                          |          |                |       |        |     |                |      |                     |                     |
| <b>CS-320-IO</b>                         | VB1.0.28_YC                                                                                                                                                                                                                                                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:                                    | When input under N.C status, needs trigger input more than 10 sec if you want to cancel event of input.<br>Under particular operation, The quality or resolution of video parameter can't be set. Needs set quality on camera web again.<br>The particular operations sequence is as follows:<br>In Advanced Mode -> use VBR -> Apply -> use CBR -> Apply -> change to Basic Mode -> Apply |                          |          |                |       |        |     |                |      |                     |                     |
| <b>CS-325-IO / CS-325-IP</b>             |                                                                                                                                                                                                                                                                                                                                                                                            | H.264<br>M-JPEG          | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |
| <b>CS-385-IO / CS-385-IP / CS-390-IP</b> |                                                                                                                                                                                                                                                                                                                                                                                            | H.264<br>M-JPEG          | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |

## CORUM



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                                                      | Tested Firmware                                                                                                                                                                                                                                                                                                                                                                                                                                      | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>CS-390-IO</b>                                                 | VB1.0.28_YC                                                                                                                                                                                                                                                                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| Note:                                                            | Not support UPnP.<br>When input under N.C status, needs trigger input more than 10 sec if you want to cancel event of input.<br>Under particular operation, The quality or resolution of video parameter can't be set. Needs set quality on camera web again.<br>The particular operations sequence is as follows:<br>In Advanced Mode -> use VBR -> Apply -> use CBR -> Apply -> change to Basic Mode -> Apply                                      |                          |          |                |       |        |     |                |      |                     |                     |
| <b>CS-410-IO</b>                                                 | VB1.0.28_YC                                                                                                                                                                                                                                                                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:                                                            | When input under N.C status, needs trigger input more than 10 sec if you want to cancel event of input.<br>Under particular operation, The quality or resolution of video parameter can't be set. Needs set quality on camera web again.<br>The particular operations sequence is as follows:<br>In Advanced Mode -> use VBR -> Apply -> use CBR -> Apply -> change to Basic Mode -> Apply                                                           |                          |          |                |       |        |     |                |      |                     |                     |
| <b>CS-410-IP /<br/>CS-410-IW<br/>/ CS-415-IP<br/>/ CS-415-IW</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                      | H.264<br>M-JPEG          | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |
| <b>CS-425-IO</b>                                                 | VB1.0.28_YC                                                                                                                                                                                                                                                                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:                                                            | Not support 2nd stream in maximum frame rate of 1080P.<br>When input under N.C status, needs trigger input more than 10 sec if you want to cancel event of input.<br>Under particular operation, The quality or resolution of video parameter can't be set. Needs set quality on camera web again.<br>The particular operations sequence is as follows:<br>In Advanced Mode -> use VBR -> Apply -> use CBR -> Apply -> change to Basic Mode -> Apply |                          |          |                |       |        |     |                |      |                     |                     |

| Dahua                                                                            |                                                                                                                                                                                                                                                                                                   |                                                                                                |          |                |         |        |     |                |      |                     |                     |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------|----------------|---------|--------|-----|----------------|------|---------------------|---------------------|
|  |                                                                                                                                                                                                                                                                                                   | Dual stream support Yes*: support JPEG format<br>Dual stream support Yes: support H.264 format |          |                |         |        |     |                |      |                     |                     |
| Device Name                                                                      | Tested Firmware                                                                                                                                                                                                                                                                                   | Video Format                                                                                   | Video Ch | Max Resolution | Audio   | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
| HDB3300                                                                          |                                                                                                                                                                                                                                                                                                   | H.264 M-JPEG                                                                                   | 1        | 2048×1536      | 1-way   | 2/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| Note:                                                                            | HDB3300N and HDB3300P are compatible with HDB3300                                                                                                                                                                                                                                                 |                                                                                                |          |                |         |        |     |                |      |                     |                     |
| HDBW3300                                                                         | V2.000 , Update 2011.10.22                                                                                                                                                                                                                                                                        | H.264 M-JPEG                                                                                   | 1        | 2048×1536      | 1-way   | 2/1    | Yes | Yes            | -    | Yes*                |                     |
| Note:                                                                            | HDBW3300N and HDBW3300P are compatible with HDBW3300                                                                                                                                                                                                                                              |                                                                                                |          |                |         |        |     |                |      |                     |                     |
| HF3110                                                                           | V2.000 , Update 2011.10.22                                                                                                                                                                                                                                                                        | H.264 M-JPEG                                                                                   | 1        | 1280x960       | 1-way   | 1/1    | Yes | Yes            | -    | Yes*                |                     |
| Note:                                                                            | HF3110N and HF3110P are compatible with HF3110                                                                                                                                                                                                                                                    |                                                                                                |          |                |         |        |     |                |      |                     |                     |
| HF3211P                                                                          | V2.000 , Update 2011.10.22                                                                                                                                                                                                                                                                        | H.264 M-JPEG                                                                                   | 1        | 1920x1080      | 1-way   | 2/1    | Yes | Yes            | -    | Yes*                |                     |
| HF3300                                                                           | V2.000 , Update 2011.10.22                                                                                                                                                                                                                                                                        | H.264 M-JPEG                                                                                   | 1        | 2048×1536      | 1-way   | 1/1    | Yes | Yes            | -    | Yes*                |                     |
| Note:                                                                            | 1. HF3300N, HF3300N-W, HF3300P and HF3300P-W are compatible with HF3300<br>2. HF3300 series: there may be image noise of dual stream, which can be observed from the camera web as well.<br>3. Setting preset point doesn't work properly.<br>4. PTZ is only supported by external RS-485 device. |                                                                                                |          |                |         |        |     |                |      |                     |                     |
| IPC-HDB3101                                                                      | Refer to IPC-HFW3101C (FW V2.103)                                                                                                                                                                                                                                                                 | H264 MJPEG                                                                                     | 1        | 1280x960       | 1-way*2 | 2/1    | -   | *2             | *2   | Yes*                | Supported by design |
| IPC-HDBW3101                                                                     | Refer to IPC-HFW3101C (FW V2.103)                                                                                                                                                                                                                                                                 | H264 MJPEG                                                                                     | 1        | 1280x960       | 1-way*2 | 2/1    | -   | *2             | *2   | Yes*                | Supported by design |
| IPC-HFW3101C                                                                     | V2.103                                                                                                                                                                                                                                                                                            | H264 MJPEG                                                                                     | 1        | 1280x960       | 1-way*2 | 2/1    | -   | *2             | *2   | Yes*                |                     |
| Note                                                                             | FW issue, bit rate range is different between camera web and response to cgi.                                                                                                                                                                                                                     |                                                                                                |          |                |         |        |     |                |      |                     |                     |
| SD65XX-HN                                                                        | 2.102.0001.0.D                                                                                                                                                                                                                                                                                    | H.264 M-JPEG                                                                                   | 1        | 1920x1280      | 1-way   | 7/2    | Yes | Yes            | -    | Yes*                |                     |
| Note:                                                                            | 1.MJPEG not support MD<br>2.FW issue, MJPEG bitrate can't not set over 8192.                                                                                                                                                                                                                      |                                                                                                |          |                |         |        |     |                |      |                     |                     |
| SD69XX-HN                                                                        | refer to SD65XX-HN                                                                                                                                                                                                                                                                                | H.264 M-JPEG                                                                                   | 1        | 1920x1280      | 1-way   | 7/2    | Yes | Yes            | -    | Yes*                | Supported by design |
| Note:                                                                            | 1.MJPEG not support MD<br>2.FW issue, MJPEG bitrate can't set over 8192.                                                                                                                                                                                                                          |                                                                                                |          |                |         |        |     |                |      |                     |                     |

## Digital Watchdog



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name       | Tested Firmware                                                                                                                                                                                                                                                                                                                                                     | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | ONVIF Search | Dual Stream Support | Remarks |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|--------------|---------------------|---------|
| <b>DWC-MPA20M</b> | Camera 3.3<br>Kernel 1.0.0.0<br>Server 1.1.1.8                                                                                                                                                                                                                                                                                                                      | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | -     | -      | -   | Yes            | Yes  | Yes          | Yes*                |         |
| Note:             | 1. Not support dual stream when select single stream for ONVIF setting at webpage.<br>2. There is a valid resolution 320x0 in profile1 at MJPEG.<br>3, The quality value is not sync. with webpage<br>4, Setting frame rate to 0 did not work.                                                                                                                      |                          |          |                |       |        |     |                |      |              |                     |         |
| Note:             | 1. There are two port settings on camera web, web port and service port. When NVR and camera are located in the same network, you can use this web port as configuring port on NVR. While if NVR and camera are located in different network, you must choose service port. For the latter, "go to web" function on NVR setting page might direct to the wrong url. |                          |          |                |       |        |     |                |      |              |                     |         |
| <b>DWC-MD421</b>  | Camera 4.4 Kernel<br>1.0.0.0<br>Server 1.1.1.8                                                                                                                                                                                                                                                                                                                      | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | *1  | Yes            | Yes  | Yes          | Yes*                |         |
| Note:             | MD421 includes MD421D and MD421TIR<br>1. Not support Zoom, Focus, Talk, VideoParamSetting.<br>2. Not support dual stream when select single stream for ONVIF setting at webpage.<br>3. There is a valid resolution 320x0 in profile1 at MJPEG.<br>4, The quality value is not sync. with webpage                                                                    |                          |          |                |       |        |     |                |      |              |                     |         |

## D-Link



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name  | Tested Firmware           | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------|---------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| DCS-1100     | 1.00                      | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | -                   | Supported by design |
| DCS-1100L    | 1.03_4130                 | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| DCS-1130     | 1.00                      | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | -                   | Supported by design |
| DCS-1130L    | 1.03_4130                 | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| DCS-2100     |                           | H.263                    | 1        | 720x576        | 1-way | -      | -   | Yes            | Yes  | -                   | Supported by design |
| DCS-2100G    |                           | H.263                    | 1        | 720x576        | 1-way | -      | -   | Yes            | Yes  | -                   | Supported by design |
| DCS-2102     |                           | MPEG4<br>M-JPEG          | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| DCS-2103     | 1.20.00                   | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| DCS-2120     |                           | MPEG4                    | 1        | 720x576        | 1-way | -      | -   | Yes            | Yes  | -                   | Supported by design |
| DCS-2120(TW) | 0201tw                    | MPEG4                    | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   |                     |
| DCS-2121     |                           | MPEG4<br>M-JPEG          | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| DCS-2130     | Refer to DCS-2103(1.20.0) | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| DCS-2132L    | 1.00.06                   | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1-way  | -   | Yes            | Yes  | Yes*                |                     |
| DCS-2136L    | 0.01.04                   | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x720       | 1-way | 1-way  | -   | Yes            | Yes  | Yes*                |                     |
| DCS-2210     | 1.20.00                   | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| DCS-2230     | Refer to DCS-2210(1.20.0) | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| DCS-2310L    | 1.01.10                   | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | Yes                 |                     |
| DCS-2332L    | V1.01.02                  | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |

## D-Link



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                                                                                         | Tested Firmware             | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-----------------------------------------------------------------------------------------------------|-----------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>DCS-3010</b>                                                                                     | v1.00.05                    | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| Note: DCS-3010 Firmware issue: bitrate setting(exceeding 2Mkbps cause broken-image and image delay) |                             |                          |          |                |       |        |     |                |      |                     |                     |
| <b>DCS-3110</b>                                                                                     |                             | MPEG4<br>M-JPEG          | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>DCS-3112</b>                                                                                     | 1.10.02                     | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>DCS-3130</b>                                                                                     | V0.2.99_121014              | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | -                   |                     |
| <b>DCS-3220</b>                                                                                     |                             | MPEG4                    | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| <b>DCS-3220G</b>                                                                                    |                             | MPEG4                    | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   |                     |
| <b>DCS-3410</b>                                                                                     |                             | MPEG4<br>M-JPEG          | 1        | 704x576        | 1-way | 2/1    | -   | Yes            | Yes  | -                   | Supported by design |
| <b>DCS-3411</b>                                                                                     | 1.02_4125                   | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>DCS-3415</b>                                                                                     | 1.00                        | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note: DCS-3415 PTZ Support: zoom only.                                                              |                             |                          |          |                |       |        |     |                |      |                     |                     |
| <b>DCS-3420</b>                                                                                     | 1.03                        | MPEG4<br>M-JPEG          | 1        | 704x480        | 1-way | 1/1    | -   | Yes            | Yes  | -                   |                     |
| <b>DCS-3430</b>                                                                                     | 1.02_4125                   | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>DCS-3511</b>                                                                                     | v1.00.06                    | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>DCS-3530</b>                                                                                     | Refer to DCS-3511(v1.00.06) | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>DCS-3710</b>                                                                                     | 1.00                        | MPEG4<br>M-JPEG          | 1        | 1280x960       | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>DCS-3710B1</b>                                                                                   | 0.02.00                     | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>DCS-3713</b>                                                                                     |                             | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 2/1    | -   | Yes            |      | Yes*                |                     |

## D-Link



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name  | Tested Firmware          | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ    | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------|--------------------------|--------------------------|----------|----------------|-------|--------|--------|----------------|------|---------------------|---------------------|
| DCS-3715     | v1.20_24_Aug_2012        | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes    | Yes            | Yes  | Yes*                |                     |
| DCS-3716     | 1.00.00                  | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | 1-way | 2/1    | RS-485 | Yes            | Yes  | Yes*                |                     |
| DCS-5010L    | Refer to DCS-5020L(1.01) | H264<br>MJPEG            | 1        | 640x480        | 1-way | -      | Yes    | Yes            | Yes  | Yes*                | Supported by design |
| DCS-5020L    | 1.01                     | H264<br>MJPEG            | 1        | 640x480        | 1-way | -      | Yes    | Yes            | Yes  | Yes*                |                     |
| DCS-5211L    | 1.10                     | H.264<br>MPEG4           | 1        | 1280x720       | 1-way | 1/1    | Yes    | Yes            | Yes  | Yes*                |                     |
| DCS-5220     | 0200                     | MPEG4                    | 1        | 720x576        | 1-way | -      | Yes    | Yes            | Yes  | -                   |                     |
| DCS-5220 Bx  | 2.00                     | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -      | Yes    | Yes            | Yes  | Yes*                |                     |
| DCS-5220(TW) |                          | MPEG4                    | 1        | 720x576        | 1-way | -      | Yes    | Yes            | Yes  | -                   | Supported by design |
| DCS-5222L    | 1.10                     | H.264<br>MPEG4           | 1        | 1280x720       | 1-way | 1/1    | Yes    | Yes            | Yes  | Yes*                |                     |
| DCS-5230     | 1.02_4317                | MPEG4<br>M-JPEG          | 1        | 1280x1024      | 1-way | 1/1    | Yes    | Yes            | Yes  | Yes*                |                     |
| DCS-5230L    | 1.02_4317                | MPEG4<br>M-JPEG          | 1        | 1280x1024      | 1-way | 1/1    | Yes    | Yes            | Yes  | Yes*                |                     |
| DCS-5300     | 1.05                     | MPEG4                    | 1        | 704x576        | 1-way | 1/1    | Yes    | Yes            | Yes  | -                   |                     |
| DCS-5300G    |                          | H.263                    | 1        | 720x576        | 1-way | 1/1    | Yes    | Yes            | Yes  | -                   | Supported by design |
| DCS-5605     | 1.01, 4126               | H.264<br>MPEG4<br>M-JPEG | 1        | 740x480        | 1-way | 1/1    | Yes    | Yes            | Yes  | Yes*                |                     |
| DCS-5610     |                          | MPEG4<br>M-JPEG          | 1        | 720x576        | 1-way | 1/1    | Yes    | Yes            | Yes  | Yes*                | Supported by design |
| DCS-5635     | 1.01, 4126               | H.264<br>MPEG4<br>M-JPEG | 1        | 740x480        | 1-way | 1/1    | Yes    | Yes            | Yes  | Yes*                |                     |
| DCS-6004L    | 0.00.01                  | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | -      | -      | Yes            | Yes  | Yes                 |                     |

## D-Link



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                     | Tested Firmware             | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|---------------------------------|-----------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>DCS-6005L</b>                | Refer to DCS-6004L(0.00.01) | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>DCS-6010L</b>                | 0.01.13                     | H.264<br>MPEG4<br>M-JPEG | 1        | 1600x1200      | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| Note: DCS-6010L: fisheye camera |                             |                          |          |                |       |        |     |                |      |                     |                     |
| <b>DCS-6111</b>                 | 1.00                        | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>DCS-6112</b>                 |                             | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>DCS-6112V</b>                |                             | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>DCS-6113</b>                 |                             | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>DCS-6113V</b>                |                             | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>DCS-6115</b>                 | 0.01.00                     | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>DCS-6210</b>                 | 1.00.06                     | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| <b>DCS-6314</b>                 | Refer to DCS-7513(v1.00.0)  | H.264<br>MPEG4<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>DCS-6315</b>                 | Refer to DCS-6115(0.01.00)  | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>DCS-6410</b>                 | 1.00                        | MPEG4<br>M-JPEG          | 1        | 704x576        | 1-way | 2/1    | -   | Yes            | Yes  | -                   | Supported by design |
| <b>DCS-6510</b>                 | 1.02                        | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>DCS-6511</b>                 | 1.11.13                     | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>DCS-6513</b> □               | 0.00.01                     | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>DCS-6616</b>                 | 0.01.00                     | H.264<br>MPEG4<br>M-JPEG | 1        | 720x480        | 1-way | 8/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>DCS-6620</b>                 | 1.05                        | MPEG4<br>M-JPEG          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   |                     |
| <b>DCS-6620G</b>                | 1.05                        | MPEG4<br>M-JPEG          | 1        | 720x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   |                     |



## D-Link



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name        | Tested Firmware | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------------|-----------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>DCS-6815B1</b>  | 0.01.00         | H.264<br>MPEG4<br>M-JPEG | 1        | 720x480        | 1-way | 8/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>DCS-6817B1</b>  | 0.01.00         | H.264<br>MPEG4<br>M-JPEG | 1        | 720x480        | 1-way | 8/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>DCS-6818B1</b>  | 0.01.00         | H.264<br>MPEG4<br>M-JPEG | 1        | 720x480        | 1-way | 8/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>DCS-6915</b>    | v1.00.10        | H.264                    | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>DCS-7010L</b>   |                 | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>DCS-7110</b>    | v1.20_20120517  | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | -     | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>DCS-7410</b>    | 1.00_3710       | MPEG4<br>M-JPEG          | 1        | 720x480        | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>DCS-7413</b>    | 1.00.02         | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>DCS-7413 B1</b> | 2.00.00         | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| <b>DCS-7510</b>    | 1.00            | MPEG4<br>M-JPEG          | 1        | 704x576        | 1-way | 2/1    | -   | Yes            | Yes  | -                   | Supported by design |
| <b>DCS-7513</b>    | 1.00.03         | H.264<br>MPEG4<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>DCS-900</b>     | 1.00            | MPEG4                    | 1        | 640x480        | 1-way | -      | -   | -              | Yes  | -                   | Supported by design |
| <b>DCS-910</b>     | 1.00            | MPEG4                    | 1        | 640x480        | -     | -      | -   | -              | Yes  | -                   | Supported by design |
| <b>DCS-920</b>     |                 | M-JPEG                   | 1        | 640x480        | -     | -      | -   | -              | Yes  | -                   | Supported by design |
| <b>DCS-930</b>     | 1.00 build 2    | M-JPEG                   | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| <b>DCS-930L</b>    | 1.00 build 2    | M-JPEG                   | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| <b>DCS-931L</b>    | 1.00_b4         | H.264<br>M-JPEG          | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| <b>DCS-932</b>     | 1.00            | M-JPEG                   | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |

## D-Link



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware           | Video Format       | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|---------------------------|--------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| DCS-932L    | 1.05_2012-10-26 2.0.16-b4 | M-JPEG             | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| DCS-932L    | 1.05_2012-10-26 2.0.16-b4 | M-JPEG             | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| DCS-933L    | 1.00_b4                   | H.264 M-JPEG       | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| DCS-940L    | 1                         | H.264 MPEG4 M-JPEG | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| DCS-942L    | 1.2                       | H.264 MPEG4 M-JPEG | 1        | 640x480        | 2-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| DCS-950     |                           | MPEG4              | 1        | 640x480        | 1-way | -      | -   | -              | Yes  | -                   | Supported by design |
| DCS-950G    |                           | MPEG4              | 1        | 640x480        | 1-way | -      | -   | -              | Yes  | -                   | Supported by design |
| DCS-G900    |                           | M-JPEG             | 1        | 640x480        | -     | -      | -   | -              | Yes  | -                   | Supported by design |
| DCS-N2100   |                           | MPEG4 M-JPEG       | 1        | 640x480        | -     | -      | -   | Yes            |      | Yes*                |                     |
| DCS-N2104   |                           | MPEG4 M-JPEG       | 1        | 640x480        | -     | -      | -   | Yes            |      | Yes*                |                     |
| DCS-N2200   |                           | MPEG4 M-JPEG       | 1        | 1280x1024      | -     | -      | -   | Yes            |      | Yes*                |                     |
| DCS-N2204   |                           | MPEG4 M-JPEG       | 1        | 1280x1024      | -     | -      | -   | Yes            |      | Yes*                |                     |
| DCS-N3530   |                           | MPEG4 M-JPEG       | 1        | 720x576        | -     | 2/2    | -   | Yes            |      | Yes*                |                     |
| DCS-N3531   |                           | MPEG4 M-JPEG       | 1        | 720x576        | -     | 2/2    | Yes | Yes            |      | Yes*                |                     |
| DCS-N3534   |                           | MPEG4 M-JPEG       | 1        | 720x576        | -     | 2/2    | Yes | Yes            |      | Yes*                |                     |
| DCS-N4141   |                           | MPEG4 M-JPEG       | 1        | 1280x1024      | -     | 1/1    | -   | Yes            |      | Yes*                |                     |
| DCS-N4532   |                           | MPEG4 M-JPEG       | 1        | 720x576        | -     | 1/1    | -   | Yes            |      | Yes*                |                     |
| DCS-N4533   |                           | MPEG4 M-JPEG       | 1        | 720x576        | -     | 1/1    | -   | Yes            |      | Yes*                |                     |
| DCS-N5424   |                           | MPEG4 M-JPEG       | 1        | 720x576        | -     | 1/1    | Yes | Yes            |      | Yes*                |                     |

## D-Link



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name   | Tested Firmware | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|---------------|-----------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| DCS-N5440     |                 | MPEG4<br>M-JPEG          | 1        | 720x576        | -     | 1/1    | Yes | Yes            |      | Yes*                |                     |
| DCS-N5441     |                 | MPEG4<br>M-JPEG          | 1        | 720x576        | -     | 1/1    | Yes | Yes            |      | Yes*                |                     |
| DCS-N5442     |                 | MPEG4<br>M-JPEG          | 1        | 720x576        | -     | 1/1    | Yes | Yes            |      | Yes*                |                     |
| DCS-N5444     |                 | MPEG4<br>M-JPEG          | 1        | 720x576        | -     | 1/1    | Yes | Yes            |      | Yes*                |                     |
| DCS-N6240     |                 | MPEG4<br>M-JPEG          | 1        | 720x576        | -     | 1/1    | Yes | Yes            |      | Yes*                |                     |
| DCS-N6241     |                 | MPEG4<br>M-JPEG          | 1        | 720x576        | -     | 1/1    | Yes | Yes            |      | Yes*                |                     |
| DCS-N6244     |                 | MPEG4<br>M-JPEG          | 1        | 720x576        | -     | 1/1    | Yes | Yes            |      | Yes*                |                     |
| DCS-N70M-21H3 |                 | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            |      | Yes*                |                     |
| DVS-104       |                 | M-JPEG                   | 4        | 720x576        | -     | 4/2    | -   | Yes            | Yes  | -                   | Supported by design |
| DVS-210-1     | 1.00.01         | MPEG4<br>M-JPEG          | 1        | 720x480        | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                |                     |
| DVS-301       |                 | H.263                    | 1        | 704x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| DVS-310-1     | 1.00.11         | H.264<br>MPEG4<br>M-JPEG | 1        | 720x480        | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                |                     |
| DVS-N1010     |                 | MPEG4<br>M-JPEG          | 4        | 720x576        | -     | 4/4    | Yes | Yes            |      | Yes*                |                     |
| DVS-N3010     |                 | MPEG4<br>M-JPEG          | 1        | 720x576        | -     | 2/2    | Yes | Yes            |      | Yes*                |                     |
| DVS-N3011     |                 | MPEG4<br>M-JPEG          | 1        | 720x576        | -     | 2/2    | Yes | Yes            |      | Yes*                |                     |
| DVS-N3014     |                 | MPEG4<br>M-JPEG          | 1        | 720x576        | -     | 2/2    | Yes | Yes            |      | Yes*                |                     |
| DVS-N3040     |                 | MPEG4<br>M-JPEG          | 4        | 700x576        | -     | 4/4    | Yes | Yes            |      | Yes*                |                     |
| DVS-N3041     |                 | MPEG4<br>M-JPEG          | 4        | 688x544        | -     | 4/4    | Yes | Yes            |      | Yes*                |                     |
| DVS-N3044     |                 | MPEG4<br>M-JPEG          | 4        | 688x544        | -     | 4/4    | Yes | Yes            |      | Yes*                |                     |

## D-Link



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name        | Tested Firmware               | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|--------------------|-------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| <b>Super Model</b> | Tested bt DCS-2332L(V1.01.02) | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | -      | -   | Yes            | -    | Yes*                |         |

## DlinkCN



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                                                                                                                                              | Tested Firmware                   | Video Format     | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>DCS-H70-21D</b>                                                                                                                                       | 2.0.9A5S2                         | H264 MJPEG       | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>Note:</b> Which covered DCS-H70-21D/A and DCS-H70-21D/M                                                                                               |                                   |                  |          |                |       |        |     |                |      |                     |                     |
| <b>DCS-N40M-81H3</b>                                                                                                                                     | VC1.0.10                          | H264 MJPEG       | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>Note:</b> DCS-N40M-81H3: Not support TCP/UDP                                                                                                          |                                   |                  |          |                |       |        |     |                |      |                     |                     |
| <b>DCS-N62-40H2</b>                                                                                                                                      | V1.0.40                           | H264 MJPEG       | 1        | 720x480        | 1-way | 1/1    | Yes | -              | Yes  | Yes*                |                     |
| <b>Note:</b> Firmware Issue: Not support Motion Detection; Bitrate List on web shows 3Mbps (the truly Bitrate value of camera could be 3Mbps or 2.5Mbps) |                                   |                  |          |                |       |        |     |                |      |                     |                     |
| <b>DCS-H70-21D/M</b>                                                                                                                                     | 2.0.9A5S2                         | H264 MJPEG       | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>DCS-N20M-10H2</b>                                                                                                                                     | Refer to DCS-V70M-21H (v1.0.30)   | H264 MJPEG       | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>DCS-N30M-51H2</b>                                                                                                                                     | Refer to DCS-V70M-21H (v1.0.30)   | H264 MJPEG       | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>DCS-N40M-53H2</b>                                                                                                                                     | Refer to DCS-V70M-21H (v1.0.30)   | H264 MJPEG       | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>DCS-N70M-20H2</b>                                                                                                                                     | Refer to DCS-V70M-21H (v1.0.30)   | H264 MJPEG       | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>DCS-N70M-21H3</b>                                                                                                                                     | VB1.0.26                          | H264 MPEG4 MJPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>DCS-N31M-21H3</b>                                                                                                                                     | Refer to DCS-N70M-81H3 (VC1.0.10) | H264 MPEG4 MJPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>DCS-N40M-22H3</b>                                                                                                                                     | Refer to DCS-N70M-81H3 (VC1.0.10) | H264 MPEG4 MJPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>DCS-N40M-32H2</b>                                                                                                                                     | Refer to DCS-V70M-21H (v1.0.30)   | H264 MJPEG       | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>DCS-V30M-50H</b>                                                                                                                                      | Refer to DCS-V70M-21H (v1.0.30)   | H264 MJPEG       | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>DCS-V30M-51H</b>                                                                                                                                      | Refer to DCS-V70M-21H (v1.0.30)   | H264 MJPEG       | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |

## DlinkCN



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name          | Tested Firmware                   | Video Format           | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|----------------------|-----------------------------------|------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>DCS-V30M-51H2</b> | Refer to DCS-N70M-81H3 (VC1.0.10) | H264<br>MPEG4<br>MJPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>DCS-V40M-12H</b>  | Refer to DCS-N70M-81H3 (VC1.0.10) | H264<br>MPEG4<br>MJPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>DCS-V40M-32H</b>  | Refer to DCS-V70M-21H (v1.0.30)   | H264<br>MJPEG          | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>DCS-V40M-32H2</b> | Refer to DCS-N70M-81H3 (VC1.0.10) | H264<br>MPEG4<br>MJPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>DCS-V40M-33H</b>  | Refer to DCS-V70M-21H (v1.0.30)   | H264<br>MJPEG          | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>DCS-V70M-11H</b>  | Refer to DCS-N70M-81H3 (VC1.0.10) | H264<br>MPEG4<br>MJPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>DCS-V70M-20H</b>  | Refer to DCS-V70M-21H (v1.0.30)   | H264<br>MJPEG          | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>DCS-V70M-21H</b>  | v1.0.30                           | H264<br>MJPEG          | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| <b>DCS-V70M-21H2</b> | Refer to DCS-N70M-81H3 (VC1.0.10) | H264<br>MPEG4<br>MJPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>DCS-V70M-50H</b>  | Refer to DCS-V70M-21H (v1.0.30)   | H264<br>MJPEG          | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>DCS-N70M-50H2</b> | Refer to DCS-V70M-21H (v1.0.30)   | H264<br>MJPEG          | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |

## DYNACOLOR



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                                                                                                                                                                                                                                                    | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| Generic     | z120130417 NSA                                                                                                                                                                                                                                                                                                                     | H.264<br>M-JPEG          | 1        | 2592x1944      | 1-way | 4/2    | Yes | Yes            | -    | Yes*                |                     |
| Note:       | Generic support model: W1-BA100, W2-BAZ40, W5-CDWK0, NH073, NH063<br>Parameter setting will fail when mutistream is allow and resolution higher than 1080p.<br>PT function are not test on software.<br>The maximum resolution is depends on camera.<br>Camera firmware must be z120130417NSA or above then can use generic model. |                          |          |                |       |        |     |                |      |                     |                     |
| na063       | z120120523 NSA                                                                                                                                                                                                                                                                                                                     | H.264                    | 1        | 2592x1944      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:       | 1. Video parameter can't sync with camera web interface, need to refresh the browser<br>2. Talk quality is not clear<br>3. Camera doesn't tranport sufficient framerate when stream parameter set to high resolution & quality, and camera's resonse will become slowly.                                                           |                          |          |                |       |        |     |                |      |                     |                     |
| NH061-CCD   | CCD-cameraFw-100205P                                                                                                                                                                                                                                                                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:       | Camera FW is not stable enough, so camera is likely disconnected after modifying parameters. Current workaround is turning off and on to reboot camera.<br>Remove resolution 1280x720 in H.264 codec due to broken image problem.<br>Known FW issue: audio may be broken in certain operation.                                     |                          |          |                |       |        |     |                |      |                     |                     |
| NH221-CCD   | CCD-cameraFw-100205P                                                                                                                                                                                                                                                                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:       | Remove resolution 1280x720 in H.264 codec due to broken image problem.<br>The image is broken badly when configuring to the highest resolution, fps, and quality under H.264/MPEG4 with UDP protocol.<br>Known FW issue: audio may be broken in certain operation.                                                                 |                          |          |                |       |        |     |                |      |                     |                     |
| NH720-20N1  | pm20120222 NSA                                                                                                                                                                                                                                                                                                                     | MJPEG/H 264              | 1        | 1920x1080      | 1-way | 4/2    | -   | Yes            | Yes  | Yes*                |                     |
| NH820-20N1  | pm20120222 NSA                                                                                                                                                                                                                                                                                                                     | MJPEG/H 264              | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | Yes  | Yes*                |                     |
| nv053       | pm20120222 NSA                                                                                                                                                                                                                                                                                                                     | MJPEG/H 264              | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| nv063       | pm20120222 NSA                                                                                                                                                                                                                                                                                                                     | MJPEG/H 264              | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| nv103       | pm20120222 NSA                                                                                                                                                                                                                                                                                                                     | MJPEG/H 264              | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| nv223       | z120130417 NSA                                                                                                                                                                                                                                                                                                                     | MJPEG/H 264              | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:       | nv223's PTZ only support Zoom.<br>nv223 support zoom or not is depends on spec.                                                                                                                                                                                                                                                    |                          |          |                |       |        |     |                |      |                     |                     |
| V1-A        |                                                                                                                                                                                                                                                                                                                                    | H.264<br>M-JPEG          | 1        | 1920x1080      | -     | -      | -   | Yes            | Yes  | Yes*                | Supported by design |

## DYNACOLOR



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                                | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|----------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>V1-B</b> | d20100630NS                                                                                                    | H.264 M-JPEG | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| Note:       | There is high possibility to get broken image on the edge under H.264 codec with UDP protocol.                 |              |          |                |       |        |     |                |      |                     |                     |
| <b>V2-A</b> |                                                                                                                | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>V2-B</b> | d20100826NS                                                                                                    | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>V6-A</b> |                                                                                                                | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>V6-B</b> | d20100630NS                                                                                                    | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:       | The image is broken badly when configuring to the highest resolution, fps, quality, etc.                       |              |          |                |       |        |     |                |      |                     |                     |
| Note:       | Model A is referred to model B, promised by the manufacturer, so model A may encounter same issues of model B. |              |          |                |       |        |     |                |      |                     |                     |



| Eneo                                                                             |                 |                                                                                                |          |                |       |        |     |                |      |                     |                     |
|----------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
|  |                 | Dual stream support Yes*: support JPEG format<br>Dual stream support Yes: support H.264 format |          |                |       |        |     |                |      |                     |                     |
| Device Name                                                                      | Tested Firmware | Video Format                                                                                   | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
| GLC-1401                                                                         | 1.42            | MPEG4 M-JPEG                                                                                   | 1        | 720x576        | 1-way | 1/0    | Yes | Yes            | Yes  | -                   | Supported by design |
| GLC-1601                                                                         | 1.43            | MPEG4 M-JPEG                                                                                   | 1        | 720x576        | 1-way | 1/0    | Yes | Yes            | Yes  | -                   |                     |
| GLC-1602H                                                                        | 1.43            | H.264 M-JPEG                                                                                   | 1        | 720x576        | 1-way | 1/0    | Yes | Yes            | Yes  | -                   |                     |
| GLC-1610H                                                                        |                 | H.264 M-JPEG                                                                                   | 1        | 720x480        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| GLC-1701/IR                                                                      | 1.45            | MPEG4 M-JPEG                                                                                   | 1        | 720x576        | -     | 1/0    | -   | Yes            | Yes  | Yes*                |                     |
| GLD-1401                                                                         | 1.40            | MPEG4 M-JPEG                                                                                   | 1        | 720x576        | -     | 1/0    | -   | Yes            | Yes  | -                   |                     |
| GLD-1501/IR                                                                      | 1.43            | MPEG4 M-JPEG                                                                                   | 1        | 720x576        | 1-way | 1/0    | Yes | Yes            | Yes  | -                   |                     |
| GLS-2101                                                                         | 1.45            | MPEG4 M-JPEG                                                                                   | 1        | 720x576        | 1-way | 1/0    | Yes | Yes            | Yes  | -                   |                     |
| GLS-2104                                                                         | 1.78            | M-JPEG                                                                                         | 4        | 704x272        | 1-way | -      | Yes | Yes            | Yes  | Yes*                |                     |
| GLS-2301H                                                                        | 1.09            | H.264 M-JPEG                                                                                   | 1        | 720x480        | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| NLC-1401                                                                         | v1.5.6          | H.264 MPEG4                                                                                    | 1        | 704x576        | 1-way | 1/0    | Yes | Yes            | Yes  | Yes*                |                     |
| NLD-1401                                                                         | v1.5.6          | H.264 MPEG4                                                                                    | 1        | 704x576        | 1-way | 1/0    | -   | Yes            | Yes  | Yes*                |                     |
| NLS-1401                                                                         | v1.5.6          | H.264 MPEG4                                                                                    | 1        | 704x576        | 1-way | 2/0    | Yes | Yes            | Yes  | Yes*                |                     |
| NXC-1301M                                                                        | v2.1.2          | H.264                                                                                          | 1        | 1280x720       | -     | 2/0    | -   | Yes            | Yes  | Yes*                |                     |
| NXC-1302M                                                                        | v2.1.2          | H.264                                                                                          | 1        | 1600x1200      | -     | 2/0    | -   | Yes            | Yes  | Yes*                |                     |
| NXC-1401M                                                                        | v2.1.2          | H.264                                                                                          | 1        | 1280x720       | -     | 2/0    | -   | Yes            | Yes  | Yes*                |                     |
| NXC-1402M                                                                        | v2.1.2          | H.264                                                                                          | 1        | 1600x1200      | -     | 2/0    | -   | Yes            | Yes  | Yes*                |                     |
| NXD-1301M                                                                        | v2.1.2          | H.264                                                                                          | 1        | 1280x720       | -     | 2/0    | -   | Yes            | Yes  | Yes*                |                     |
| NXD-1302M                                                                        | v2.1.2          | H.264                                                                                          | 1        | 1600x1200      | -     | 2/0    | -   | Yes            | Yes  | Yes*                |                     |

# Titan NVR Supported Camera List



DP v2.17\_release date\_2013.09

| Eneo                                                                             |                                                                                                                                                                                                                                                               |                                                                                                |          |                |       |        |     |                |      |                     |                     |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
|  |                                                                                                                                                                                                                                                               | Dual stream support Yes*: support JPEG format<br>Dual stream support Yes: support H.264 format |          |                |       |        |     |                |      |                     |                     |
| Device Name                                                                      | Tested Firmware                                                                                                                                                                                                                                               | Video Format                                                                                   | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
| <b>NXD-1401M</b>                                                                 | v2.1.2                                                                                                                                                                                                                                                        | H.264                                                                                          | 1        | 1280x720       | -     | 2/0    | -   | Yes            | Yes  | Yes*                |                     |
| <b>NXD-1402M</b>                                                                 | v2.1.2                                                                                                                                                                                                                                                        | H.264                                                                                          | 1        | 1600x1200      | -     | 2/0    | -   | Yes            | Yes  | Yes*                |                     |
| <b>GXB-1710M-IR</b>                                                              | refer to GXC-1710M                                                                                                                                                                                                                                            | H.264<br>MPEG4<br>M-JPEG                                                                       | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>GXB-1720M-IR</b>                                                              | Refer to GXC-1720M                                                                                                                                                                                                                                            | H.264<br>MPEG4<br>M-JPEG                                                                       | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>GXC-1605M</b>                                                                 | Refer to GXC-1606M-IR                                                                                                                                                                                                                                         | H.264<br>MPEG4<br>M-JPEG                                                                       | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>GXC-1606M-IR</b>                                                              | 2.03                                                                                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG                                                                       | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>GXC-1710M</b>                                                                 | 2.11                                                                                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG                                                                       | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:                                                                            | Audio is disabled currently for camera FW bug: NXC-1301M, NXC-1302M, NXC-1401M, NXC-1402M, NXD-1301M, NXD-1302M, NXD-1401M and NXD-1402M                                                                                                                      |                                                                                                |          |                |       |        |     |                |      |                     |                     |
| Note:                                                                            | PTZ is only supported by external RS-485 device.                                                                                                                                                                                                              |                                                                                                |          |                |       |        |     |                |      |                     |                     |
| <b>GXC-1720M</b>                                                                 | 1.05_Beta                                                                                                                                                                                                                                                     | H.264<br>MPEG4<br>M-JPEG                                                                       | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>GXD-1610M-IR</b>                                                              | Refer to GXC-1606M-IR                                                                                                                                                                                                                                         | H.264<br>MPEG4<br>M-JPEG                                                                       | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>GXD-1710M-IR</b>                                                              | refer to GXC-1710M                                                                                                                                                                                                                                            | H.264<br>MPEG4<br>M-JPEG                                                                       | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>GXD-1720M-IR</b>                                                              | Refer to GXC-1720M                                                                                                                                                                                                                                            | H.264<br>MPEG4<br>M-JPEG                                                                       | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>PXB-1080Z03</b>                                                               | Refer to PXD-2080Z03IR (FW 4.19-20-ds)                                                                                                                                                                                                                        | H264<br>MJPEG                                                                                  | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| <b>PXB-2080Z03</b>                                                               | Refer to PXD-2080Z03IR(FW 4.19-20-ds)                                                                                                                                                                                                                         | H.264<br>MJPEG                                                                                 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| Note:                                                                            | 1. Only support rtsp port 554 due to camera firmware issue.<br>2. Only integrate NTSC mode due to camera firmware issue.<br>3. Audio will be discontinuous under fps 1.<br>4. Framerate may not enough under high resolution, framerate and quality settings. |                                                                                                |          |                |       |        |     |                |      |                     |                     |
| <b>PXD-1010F02</b>                                                               | vr20121016N SA                                                                                                                                                                                                                                                | H.264<br>M-JPEG                                                                                | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |

## Eneo



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                                                         | Tested Firmware                       | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|---------------------------------------------------------------------|---------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>PXD-1020F02</b>                                                  | Refer to PXD-1020F02 (vr20121016 NSA) | H.264 M-JPEG | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| Note: Parameter setting will fail when Mjpeg quality bigger than 60 |                                       |              |          |                |       |        |     |                |      |                     |                     |
| <b>PXD-2080Z03IR</b>                                                | 4.19-20-ds                            | H264 MJPEG   | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | -                   |                     |

## Ernitec



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name      | Tested Firmware | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|------------------|-----------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| Hawk SX 402      |                 | MJPEG H264   | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Hawk SX 402M     |                 | MJPEG H264   | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Mercury SX 302   |                 | MJPEG H264   | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| Mercury SX 302IR |                 | MJPEG H264   | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| Mercury SX 302M  |                 | MJPEG H264   | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| Orion SX 802IH   |                 | MJPEG H264   | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| Orion SX 802OPH  |                 | MJPEG H264   | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| SX 605           |                 | MJPEG H264   | 1        | 2594x1944      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| Vega SX 102      |                 | MJPEG H264   | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| Vega SX 102IH    |                 | MJPEG H264   | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |

## Etrovision



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name  | Tested Firmware                                                                                                                                                                                         | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| EV8180A      | 1.1.4 (build 003)                                                                                                                                                                                       | MJPEG, H264  | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| EV8180Q - XD | 1.1.4 (build 003)                                                                                                                                                                                       | MJPEG, H264  | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>Note:</b> | EV8180Q-XD and EV8180A<br>1. Under four profile mode only support resolution 640x480. (camera limitation)<br>2. MotionDetection only works on H.264.<br>3. It needs to reboot after changing HTTP port. |              |          |                |       |        |     |                |      |                     |                     |
| EV8580A      | Refer to EV8180A (1.1.4 (build 003))                                                                                                                                                                    | MJPEG, H264  | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| EV8581A      | Refer to EV8180A (1.1.4 (build 003))                                                                                                                                                                    | MJPEG, H264  | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| EV8780A      | Refer to EV8180A (1.1.4 (build 003))                                                                                                                                                                    | MJPEG, H264  | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| EV8781A      | Refer to EV8180A (1.1.4 (build 003))                                                                                                                                                                    | MJPEG, H264  | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| EV8782A      | Refer to EV8180A (1.1.4 (build 003))                                                                                                                                                                    | MJPEG, H264  | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| EV8782Q - BD | Refer to EV8180Q-(XD)1.1.4 (build 003))                                                                                                                                                                 | MJPEG, H264  | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |

## Everfocus



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                         | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | ONVIF Search | Dual Stream Support | Remarks             |
|-------------|-----------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|--------------|---------------------|---------------------|
| EAN3200     | 1.0.14                                                                                  | H.264<br>MJPEG           | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes          | -                   |                     |
| EAN800A     | 1.2.5                                                                                   | H.264<br>MPEG4<br>MJPEG  | 1        | 704x576        | 1-way | 1/1    | -   | Yes            | Yes  | -            | -                   |                     |
| EAN800AW    | 1.2.5                                                                                   | H.264<br>MPEG4<br>MJPEG  | 1        | 704x576        | 1-way | 1/1    | -   | Yes            | Yes  | -            | -                   | Supported by design |
| EAN850A     | 1.2.5                                                                                   | H.264<br>MPEG4<br>MJPEG  | 1        | 704x576        | 1-way | 1/1    | -   | Yes            | Yes  | -            | -                   |                     |
| EAN900      | 1.2.5                                                                                   | H.264<br>MPEG4<br>MJPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | -            | -                   |                     |
| Note:       | Fix stream 1 as recording stream and fix stream 2 for mobile client used.               |                          |          |                |       |        |     |                |      |              |                     |                     |
| EAN2150     | CCD-cameraFw-100811P                                                                    | MPEG4<br>M-JPEG<br>H.264 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | -            | Yes*                |                     |
| EAN2350     | ev20111116 NSA                                                                          | H.264,<br>MJPEG          | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes  | -            | Yes*                |                     |
| EAN2218     | ev20111116NSA                                                                           | H.264,<br>MJPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | -            | Yes*                |                     |
| EAN3120     | V1.0.5                                                                                  | H.264,<br>MJPEG          | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | -            | Yes*                |                     |
| EAN3220     | V1.0.5                                                                                  | H.264,<br>MJPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | -            | Yes*                |                     |
| EAN3300     | 1.0.7                                                                                   | H.264,<br>MJPEG          | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | -            | Yes*                |                     |
| EDN1220     | 0.8.7-B10                                                                               | M-JPEG<br>H.264          | 1        | 1920x1080      | 1-way | 0/0    | -   | Yes            | Yes  | Yes          | Yes*                |                     |
| Note:       | EDN1220,EDN1320,EMN2220 and EPN4220<br>1. can't switch CBR/VBR.<br>2. only support VBR. |                          |          |                |       |        |     |                |      |              |                     |                     |
| EDN1320     | 0.8.7-B10                                                                               | M-JPEG<br>H.264          | 1        | 2048x1536      | 1-way | 0/0    | -   | Yes            | Yes  | Yes          | Yes*                |                     |
| Note:       | EDN1320 no support 720x480, 704x480 and 640x480 resolution.                             |                          |          |                |       |        |     |                |      |              |                     |                     |
| EDN2210     | ev20121002 NSA                                                                          | H.264,<br>MJPEG          | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | -            | Yes*                |                     |
| EDN2245     | ev20111028 BNS                                                                          | M-JPEG<br>H.264          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | -            | Yes*                |                     |
| EDN3240     | 1.0.14                                                                                  | H.264<br>MJPEG           | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes          | -                   |                     |
| EDN3160     | 1.0.18                                                                                  | M-JPEG<br>H.264          | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes          | Yes*                |                     |

## Everfocus



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | ONVIF Search | Dual Stream Support | Remarks             |
|-------------|------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|--------------|---------------------|---------------------|
| EDN3260     | 1.0.18                                                                                         | M-JPEG<br>H.264          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes          | Yes*                |                     |
| EDN3340     | 1.0.18                                                                                         | M-JPEG<br>H.264          | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes  | Yes          | Yes*                |                     |
| EDN800      | 1.2.5                                                                                          | H.264<br>MPEG4<br>MJPEG  | 1        | 704x576        | 1-way | 1/1    | -   | Yes            | Yes  | -            | -                   |                     |
| EDN850H     | 1.2.5                                                                                          | H.264<br>MPEG4<br>MJPEG  | 1        | 704x576        | 1-way | 1/1    | -   | Yes            | Yes  | -            | -                   |                     |
| EHN3160     | 1.0.18                                                                                         | M-JPEG<br>H.264          | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes          | Yes*                |                     |
| EHN3200     | 1.0.14                                                                                         | H.264<br>MJPEG           | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes          | -                   |                     |
| EHN3260     | 1.2.2                                                                                          | M-JPEG<br>H.264          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes          | Yes*                |                     |
| EHN3340     | 1.0.18                                                                                         | M-JPEG<br>H.264          | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes  | Yes          | Yes*                |                     |
| EMN2220     | 0.8.7-B10                                                                                      | M-JPEG<br>H.264          | 1        | 1920x1080      | 1-way | 0/0    | -   | Yes            | Yes  | Yes          | Yes*                |                     |
| EMN2320     | 1.0.1                                                                                          | M-JPEG<br>H.264          | 1        | 2048x1536      | 1-way | 0/0    | -   | Yes            | Yes  | Yes          | Yes*                |                     |
| Note:       | EMN2320 no support 720x480, 704x480 and 640x480 resolution.                                    |                          |          |                |       |        |     |                |      |              |                     |                     |
| EPN2218     | ev20111116<br>NSA                                                                              | M-JPEG<br>H.264          | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | Yes  | -            | Yes*                |                     |
| EPN3100     | 1.2.14                                                                                         | H.264<br>MPEG4<br>MJPEG  | 1        | 704x576        | 1-way | 4/2    | Yes | Yes            | Yes  | -            | -                   | Supported by design |
| EPN3600     | 1.2.14                                                                                         | H.264<br>MPEG4<br>MJPEG  | 1        | 704x576        | 1-way | 4/2    | Yes | Yes            | Yes  | -            | -                   |                     |
| EPN4122     | 1.0.5                                                                                          | M-JPEG<br>H.264          | 1        | 1280x960       | 1-way | 2/2    | Yes | Yes            | Yes  | Yes          | Yes*                |                     |
| EPN4220     | 1.0.8                                                                                          | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 2/2    | Yes | Yes            | Yes  | Yes          | Yes*                |                     |
| EQN2200     | 1.0.27                                                                                         | H.264<br>MJPEG           | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes          | -                   | Supported by design |
| EQN2201     | 1.0.27                                                                                         | H.264<br>MJPEG           | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes          | -                   | Supported by design |
| ETN2110     | v3.2.1.4                                                                                       | M-JPEG<br>MPEG4<br>H.264 | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes          | Yes*                |                     |
| Note:       | ETN2110: Motion detection is not compatible with MPEG4 codec because of camera firmware issue. |                          |          |                |       |        |     |                |      |              |                     |                     |

## Everfocus



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware                                                                                                                                 | Video Format            | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | ONVIF Search | Dual Stream Support | Remarks             |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|----------------|-------|--------|-----|----------------|------|--------------|---------------------|---------------------|
| <b>EVS200A</b>  | 1.2.8                                                                                                                                           | H.264<br>MPEG4<br>MJPEG | 2        | 704x576        | 1-way | 2/2    | Yes | Yes            | Yes  | -            | -                   |                     |
| <b>EVS200AW</b> | 1.2.8                                                                                                                                           | H.264<br>MPEG4<br>MJPEG | 2        | 704x576        | 1-way | 2/2    | Yes | Yes            | Yes  | -            | -                   | Supported by design |
| Note:           | EVS200A/EVS200AW: Fix stream 1 as recording stream and fix stream 2 for mobile client used.<br>PTZ is only supported by external RS-485 device. |                         |          |                |       |        |     |                |      |              |                     |                     |
| <b>EVS410</b>   | 1.0.21                                                                                                                                          | H.264<br>MJPEG          | 4        | 704x480        | 1-way | 4/1    | -   | Yes            | -    | Yes          | -                   |                     |
| Note:           | 1.MJPEG high resolution only can up to 10 fps.<br>2.Not support RS-485 ptz.                                                                     |                         |          |                |       |        |     |                |      |              |                     |                     |
| <b>EZN3240</b>  | 1.0.14                                                                                                                                          | H.264<br>MJPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes          | -                   |                     |
| <b>EZN850</b>   | 1.2.5                                                                                                                                           | H.264<br>MPEG4<br>MJPEG | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -            | -                   |                     |
| Note:           | PTZ: support focus only.                                                                                                                        |                         |          |                |       |        |     |                |      |              |                     |                     |
| Note:           | Implement with ONVIF protocol v1.02: EAN3200, EDN3240, EHN3200, EQN2200, EQN2201, EVS410, EZN3240                                               |                         |          |                |       |        |     |                |      |              |                     |                     |
| Note:           | Due to the limitation of ONVIF protocol, ONVIF search works only as cameras keep default administrator name and password.                       |                         |          |                |       |        |     |                |      |              |                     |                     |
| <b>EZN3160</b>  | 1.0.7-B1                                                                                                                                        | M-JPEG<br>H.264         | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | -            | Yes*                |                     |
| <b>EZN3260</b>  | 1.0.7-B1                                                                                                                                        | M-JPEG<br>H.264         | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | -            | Yes*                |                     |
| <b>EZN3340</b>  | 1.0.7-B1                                                                                                                                        | M-JPEG<br>H.264         | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | -            | Yes*                |                     |



| Fine                                                                             |                 |                                                                                                                                                                                            |          |                |       |        |     |                |      |                     |                     |
|----------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
|  |                 | - : not available on camera<br>*1: not available on software<br>*2: not test on software<br>Dual stream support Yes*: support JPEG format<br>Dual stream support Yes: support H.264 format |          |                |       |        |     |                |      |                     |                     |
| Device Name                                                                      | Tested Firmware | Video Format                                                                                                                                                                               | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
| ACM-R2001                                                                        | 1.02.09         | H.264<br>MPEG4<br>M-JPEG                                                                                                                                                                   | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| Note:                                                                            |                 | Framerate may not enough about 2~8 fps due to camera issue.                                                                                                                                |          |                |       |        |     |                |      |                     |                     |
| ACM-R3002                                                                        | 1.02.06A        | H.264<br>MPEG4<br>M-JPEG                                                                                                                                                                   | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:                                                                            |                 | MPEG4 has some problem not solve in quality mode change.                                                                                                                                   |          |                |       |        |     |                |      |                     |                     |
| ACM-R3006                                                                        | 1.02.05T        | H.264<br>MPEG4<br>M-JPEG                                                                                                                                                                   | 1        | 2048x1536      | 1-way | *2     | *2  | Yes            | Yes  | Yes*                |                     |
| ACM-V3001                                                                        | 1.02.09         | H.264<br>MPEG4<br>M-JPEG                                                                                                                                                                   | 1        | 2048x1536      | 1-way | *2     | -   | Yes            | Yes  | Yes*                |                     |
| ACM-V3002                                                                        | 1.02.06A        | H.264<br>MPEG4<br>M-JPEG                                                                                                                                                                   | 1        | 2048x1536      | 1-way | 2/1    | -   | Yes            | Yes  | Yes*                |                     |
| C3000/C3000-W                                                                    | v3.2.2.3        | H.264<br>MPEG4<br>M-JPEG                                                                                                                                                                   | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| CDB-5VM551                                                                       | VC1.0.18.2_F    | H.264<br>M-JPEG                                                                                                                                                                            | 1        | 2592x1944      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| CDB-720F                                                                         |                 | H.264<br>MPEG4<br>M-JPEG                                                                                                                                                                   | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | *1   | Yes*                |                     |
| CDB-720F/IR                                                                      | V1.0.20_F       | H.264<br>MPEG4<br>M-JPEG                                                                                                                                                                   | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | *1   | Yes*                |                     |
| CDB-720V                                                                         | VB1.0.26_F      | H.264<br>MPEG4<br>M-JPEG                                                                                                                                                                   | 1        | 1280x800       | 1-way | 1-1    | -   | Yes            | Yes  | Yes*                |                     |
| CDB-720VIR                                                                       | VB1.0.26_F      | H.264<br>MPEG4<br>M-JPEG                                                                                                                                                                   | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | *1   | Yes*                |                     |
| CDB-HD280                                                                        | VC1.0.06_F      | H264<br>MJPEG                                                                                                                                                                              | 1        | 1920*1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| CDB-MV1080F                                                                      | VB1.0.32_F      | H.264<br>MPEG4<br>M-JPEG                                                                                                                                                                   | 1        | 1920x1080      | -     | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| CDB-MV720F                                                                       | VB1.0.28_F      | H.264<br>MPEG4<br>M-JPEG                                                                                                                                                                   | 1        | 1280x800       | -     | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:                                                                            |                 | Camera FW issue: framerate can not reach 30fps.                                                                                                                                            |          |                |       |        |     |                |      |                     |                     |
| CDV-2M360                                                                        | VB1.0.32_F      | H.264<br>MPEG4<br>M-JPEG                                                                                                                                                                   | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:                                                                            |                 | Fisheye camera                                                                                                                                                                             |          |                |       |        |     |                |      |                     |                     |
| CDV-3V930                                                                        |                 | MPEG4<br>M-JPEG                                                                                                                                                                            | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    |                     | Supported by design |

| Fine                                                                             |              |                                                                                                                                                                                                                                       |                 |              |          |                |       |        |     |                |                     |                     |                     |
|----------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|----------|----------------|-------|--------|-----|----------------|---------------------|---------------------|---------------------|
|  |              | <div>- : not available on camera</div> <div>*1: not available on software</div> <div>*2: not test on software</div> <div>Dual stream support Yes*: support JPEG format</div> <div>Dual stream support Yes: support H.264 format</div> |                 |              |          |                |       |        |     |                |                     |                     |                     |
|                                                                                  |              | Device Name                                                                                                                                                                                                                           | Tested Firmware | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP                | Dual Stream Support | Remarks             |
|                                                                                  |              | CDV-3V930U                                                                                                                                                                                                                            |                 | MPEG4 M-JPEG | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -                   |                     | Supported by design |
|                                                                                  |              | CDV-3VM301                                                                                                                                                                                                                            |                 | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | VC1.0.06_F          |                     | Supported by design |
| CDV-3VM501                                                                       |              | H.264 M-JPEG                                                                                                                                                                                                                          | 1               | 1600x1200    | 1-way    | 1/1            | -     | Yes    | -   |                | Supported by design |                     |                     |
| CDV-3VM800                                                                       | VC1.0.06_F   | H.264 M-JPEG                                                                                                                                                                                                                          | 1               | 1920x1080    | 1-way    | 1/1            | -     | Yes    | Yes | Yes*           |                     |                     |                     |
| CDV-3VWD960                                                                      | V1.0.16_F    | H.264 M-JPEG                                                                                                                                                                                                                          | 1               | 720x576      | 1-way    | 1/1            | -     | Yes    | -   |                |                     |                     |                     |
| CDV-3VWD960H                                                                     |              | H.264 M-JPEG                                                                                                                                                                                                                          | 1               | 720x576      | 1-way    | 1/1            | -     | Yes    | -   |                | Supported by design |                     |                     |
| CDV-5VM501                                                                       | VC1.0.18.2_F | H.264 M-JPEG                                                                                                                                                                                                                          | 1               | 2592x1944    | 1-way    | 1/1            | -     | Yes    | Yes | Yes*           |                     |                     |                     |
| Note:                                                                            |              |                                                                                                                                                                                                                                       |                 |              |          |                |       |        |     |                |                     |                     |                     |
| EDH-02H                                                                          | V1.0.20_F    | H.264 M-JPEG                                                                                                                                                                                                                          | 1               | 720x480      | 1-way    | 1/1            | Yes   | Yes    | -   |                |                     |                     |                     |
| EP-201                                                                           |              | MPEG4 M-JPEG                                                                                                                                                                                                                          | 1               | 720x480      | 1-way    | 0/0            | Yes   | Yes    | -   |                | Supported by design |                     |                     |
| EP-221                                                                           |              | MPEG4 M-JPEG                                                                                                                                                                                                                          | 1               | 720x480      | 1-way    | 1/0            | Yes   | Yes    | -   |                | Supported by design |                     |                     |
| EP-221DN                                                                         |              | MPEG4 M-JPEG                                                                                                                                                                                                                          | 1               | 720x480      | 1-way    | 0/0            | Yes   | Yes    | -   |                | Supported by design |                     |                     |
| EP-601                                                                           |              | MPEG4 M-JPEG                                                                                                                                                                                                                          | 1               | 720x480      | 1-way    | 0/0            | Yes   | Yes    | -   |                | Supported by design |                     |                     |
| EP-601HW                                                                         |              | MPEG4 M-JPEG                                                                                                                                                                                                                          | 1               | 720x480      | 1-way    | 0/0            | Yes   | Yes    | -   |                |                     |                     |                     |
| EP-908                                                                           |              | MPEG4 M-JPEG                                                                                                                                                                                                                          | 1               | 720x480      | 1-way    | 0/0            | Yes   | Yes    | -   |                | Supported by design |                     |                     |
| EP-908HW                                                                         |              | MPEG4 M-JPEG                                                                                                                                                                                                                          | 1               | 720x480      | 1-way    | 0/0            | Yes   | Yes    | -   |                | Supported by design |                     |                     |
| EP-936                                                                           |              | MPEG4 M-JPEG                                                                                                                                                                                                                          | 1               | 720x480      | 1-way    | 0/0            | Yes   | Yes    | -   |                | Supported by design |                     |                     |
| EP-936HW                                                                         |              | MPEG4 M-JPEG                                                                                                                                                                                                                          | 1               | 720x480      | 1-way    | 0/0            | Yes   | Yes    | -   |                | Supported by design |                     |                     |
| EP-HTQ935                                                                        | V3.2.56_F    | MPEG4 M-JPEG                                                                                                                                                                                                                          | 1               | 720x480      | -        | 0/0            | Yes   | Yes    | -   |                |                     |                     |                     |

Fine



- : not available on camera  
\*1: not available on software  
\*2: not test on software  
Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name      | Tested Firmware              | Video Format       | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|------------------|------------------------------|--------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| EP-Q2018H-IP     |                              | H.264 M-JPEG       | 1        | 720x480        | 1-way | 0/0    | Yes | Yes            | -    |                     | Supported by design |
| EP-Q2018HW-IP    | V1.0.8_F                     | H.264 M-JPEG       | 1        | 720x480        | 1-way | 0/0    | Yes | Yes            | -    |                     |                     |
| EP-Q2026H-IP     |                              | H.264 M-JPEG       | 1        | 720x480        | 1-way | 0/0    | Yes | Yes            | -    |                     | Supported by design |
| EP-Q2026HW-IP    |                              | H.264 M-JPEG       | 1        | 720x480        | 1-way | 0/0    | Yes | Yes            | -    |                     | Supported by design |
| EP-Q2036H-IP     |                              | H.264 M-JPEG       | 1        | 720x480        | 1-way | 0/0    | Yes | Yes            | -    |                     | Supported by design |
| EP-Q2036HW-IP    |                              | H.264 M-JPEG       | 1        | 720x480        | 1-way | 0/0    | Yes | Yes            | -    |                     | Supported by design |
| MD-D1200         |                              | MPEG4 M-JPEG       | 1        | 720x480        | 1-way | 1/1    | Yes | Yes            | -    |                     | Supported by design |
| MD-D1322         | V1.0.23.09_F                 | H.264 MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | 2/1    | *1  | Yes            | Yes  | Yes*                |                     |
| MD-D1612         | V1.0.16_F                    | H.264 M-JPEG       | 1        | 720x576        | 1-way | 1/1    | Yes | Yes            | -    |                     |                     |
| SP-HP2020Q-IP    | SDK Version 3.3.0.168 Kernel | H.264 M-JPEG       | 1        | 1280x1080      | 1-way | -      | Yes | *1             | *1   | Yes*                |                     |
| SP-PTIR737-IP    | V1.0.16_F                    | H.264 M-JPEG       | 1        | 720x576        | 1-way | 0/0    | Yes | Yes            | -    |                     |                     |
| SP-PYIR737-LA-IP |                              | H.264 M-JPEG       | 1        | 720x480        | 1-way | -      | Yes | Yes            | -    |                     | Supported by design |
| TCMA-99          |                              | MPEG4 M-JPEG       | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    |                     | Supported by design |
| TCMP-99          |                              | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | -    |                     | Supported by design |
| TCP-1200AV       | V1.0.26_F                    | H.264 M-JPEG       | 1        | 640x480        | 1-way | -      | -   | Yes            | -    |                     |                     |
| TCP-1300AM       | V1.0.26_F                    | H.264 M-JPEG       | 1        | 1280x1024      | 1-way | -      | -   | Yes            | -    |                     |                     |
| TCP-2200AM       | V1.0.30_F                    | H.264 MJPEG        | 1        | 1600x1200      | 1-way | -      | -   | -              | Yes  | Yes*                |                     |
| TCP-2800AM       | V1.0.20_F                    | H.264 MPEG4 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |

Fine



- : not available on camera  
\*1: not available on software  
\*2: not test on software  
Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name    | Tested Firmware | Video Format       | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|----------------|-----------------|--------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| TCP-670DNU     |                 | MPEG4 M-JPEG       | 1        | 720x480        | 1-way | 2/2    | -   | Yes            | -    |                     | Supported by design |
| TCP-680DNU     |                 | MPEG4 M-JPEG       | 1        | 720x480        | 1-way | 2/2    | -   | Yes            | -    |                     | Supported by design |
| TCP-690        |                 | MPEG4 M-JPEG       | 1        | 720x480        | 1-way | 2/2    | -   | Yes            | -    |                     | Supported by design |
| TCP-690DN      |                 | MPEG4 M-JPEG       | 1        | 720x480        | 1-way | 2/2    | -   | Yes            | -    |                     | Supported by design |
| TCP-690U       | V3.2.60_F       | MPEG4 M-JPEG       | 1        | 720x480        | 1-way | 2/2    | -   | Yes            | -    |                     |                     |
| TCP-HDVB720P   | V1.0.20_F       | H.264 MPEG4 M-JPEG | 1        | 1280x800       | -     | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| TCP-HDVB800    | VC1.0.18.2_F    | H.264 M-JPEG       | 1        | 1920x1080      | 1-way | 1/1    | -   | -              | Yes  | Yes*                |                     |
| TCP-HDVB801    |                 | H.264 MPEG4 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | -              | Yes  | Yes*                |                     |
| TCP-HFB720     | VB1.0.28_F      | H.264 MPEG4 M-JPEG | 1        | 1280x800       | -     | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| TCP-HP1080     | VC1.0.06_F      | H.264 M-JPEG       | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| TCP-HP1080WI   |                 | H.264 MPEG4 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | -              | *1   | Yes*                |                     |
| TCP-HP930      |                 | MPEG4 M-JPEG       | 1        | 720x480        | 1-way | 2/2    | -   | Yes            | -    |                     | Supported by design |
| TCP-HP930U     |                 | MPEG4 M-JPEG       | 1        | 720x480        | 1-way | 2/2    | -   | Yes            | -    |                     | Supported by design |
| TCP-IPWD690    |                 | MPEG4 M-JPEG       | 1        | 720x480        | 1-way | 2/2    | -   | Yes            | -    |                     | Supported by design |
| TCP-IPWD700DN  | V1.0.16_F       | H.264 M-JPEG       | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | -    |                     |                     |
| TCP-IR590-WD30 | V1.0.20_F       | H.264 M-JPEG       | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | -    |                     |                     |
| TCP-IR590-WD50 |                 | H.264 M-JPEG       | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | -    |                     | Supported by design |
| TCP-IRH5030C   | V1.0.20_F       | H.264 M-JPEG       | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | -    |                     |                     |

Fine



- : not available on camera  
\*1: not available on software  
\*2: not test on software  
Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name  | Tested Firmware | Video Format | Video Ch | Max Resolution            | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------|-----------------|--------------|----------|---------------------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| TCP-IRH5040C |                 | H.264 M-JPEG | 1        | 1600x1200                 | 1-way | 1/1    | -   | Yes            | -    |                     | Supported by design |
| TCP-IRV540   |                 | MPEG4 M-JPEG | 1        | 720x480                   | 1-way | 0/0    | -   | Yes            | -    |                     | Supported by design |
| TCP-IRV560   |                 | MPEG4 M-JPEG | 1        | 720x480                   | 1-way | 1/1    | -   | Yes            | -    |                     | Supported by design |
| TCP-M912DN   | V1.2.28_F       | MPEG4 M-JPEG | 1        | MPEG4: 640x480<br>M-JPEG: | 1-way | 2/2    | -   | Yes            | -    |                     |                     |
| TCP-MH802    | V1.0.8_F        | H.264 M-JPEG | 1        | 1600x1200                 | 1-way | 1/1    | -   | Yes            | -    |                     |                     |
| TCP-VM201    |                 | MPEG4 M-JPEG | 1        | 1280x1024                 | 1-way | 0/0    | -   | Yes            | -    | Yes*                | Supported by design |
| TCP-VM359    | VC1.0.16_F      | H.264 M-JPEG | 1        | 2048x1536                 | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| TCP-VM501    | V1.0.14_F       | H.264 M-JPEG | 1        | 1600x1200                 | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| TCP-VM559    | VC1.0.16_F      | H.264 M-JPEG | 1        | 2592x1944                 | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| WB-8211SD    |                 | MPEG4 M-JPEG | 1        | 720x480                   | 1-way | 2/4    | -   | Yes            | -    | Yes*                | Supported by design |
| WB-8211SDU   |                 | MPEG4 M-JPEG | 1        | 720x480                   | 1-way | 2/4    | -   | Yes            | -    | Yes*                | Supported by design |
| WB-8411      |                 | MPEG4 M-JPEG | 4        | 720x480                   | 1-way | 4/1    | -   | Yes            | -    | Yes*                | Supported by design |
| WB-8412      | V2.2.26_F       | MPEG4 M-JPEG | 4        | 688x448                   | 1-way | 4/4    | Yes | Yes            | -    | Yes*                |                     |
| WB-H811      |                 | H.264 M-JPEG | 1        | 720x480                   | 1-way | 2/2    | Yes | Yes            | -    | Yes*                | Supported by design |
| WB-H814      | V1.0.40_F       | H.264 M-JPEG | 4        | 720x576                   | 1-way | 4/4    | Yes | Yes            | -    | Yes*                |                     |

## Forenix



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name              | Tested Firmware                                                               | Video Format       | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------------------|-------------------------------------------------------------------------------|--------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>ACD-3VM501</b>        | refer to ACDV-3VM501                                                          | H.264 M-JPEG       | 1        | 1600x1200      | -     | 1/1    | -   | Yes            | Yes  |                     | Supported by design |
| <b>ACDV-3VM501</b>       |                                                                               | H.264 M-JPEG       | 1        | 1600x1200      | -     | 1/1    | -   | Yes            | Yes  |                     | Supported by design |
| <b>AEP-Q2018HW-IP</b>    |                                                                               | H.264 M-JPEG       | 1        | 720x480        | -     | -      | Yes | Yes            | Yes  |                     | Supported by design |
| <b>AEP-Q2026HW-IP</b>    |                                                                               | H.264 M-JPEG       | 1        | 720x480        | -     | -      | Yes | Yes            | Yes  |                     | Supported by design |
| <b>AEP-Q2036HW-IP</b>    |                                                                               | H.264 M-JPEG       | 1        | 720x480        | -     | -      | Yes | Yes            | Yes  |                     | Supported by design |
| <b>ASP-PTIR737-IP</b>    |                                                                               | H.264 M-JPEG       | 1        | 720x576        | -     | -      | Yes | Yes            | Yes  |                     | Supported by design |
| <b>ASP-PTIR737-LA-IP</b> |                                                                               | H.264 M-JPEG       | 1        | 720x576        | -     | -      | Yes | Yes            | Yes  |                     | Supported by design |
| <b>ATCP-IRH5030C</b>     |                                                                               | H.264 M-JPEG       | 1        | 1600x1200      | -     | 1/1    | -   | Yes            | Yes  |                     | Supported by design |
| <b>ATCP-IRH5040C</b>     |                                                                               | H.264 M-JPEG       | 1        | 1600x1200      | -     | 1/1    | -   | Yes            | Yes  |                     | Supported by design |
| <b>ATCP-MH802</b>        |                                                                               | H.264 M-JPEG       | 1        | 1600x1200      | -     | 1/1    | -   | Yes            | Yes  |                     | Supported by design |
| Note:                    | ATCP-MH802DN, ATCP-MH802DN/WI and ATCP-MH802WI are compatible with ACTP-MH802 |                    |          |                |       |        |     |                |      |                     |                     |
| <b>ATCP-VM501</b>        |                                                                               | H.264 M-JPEG       | 1        | 1600x1200      | -     | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>AWB-H811</b>          |                                                                               | H.264 M-JPEG       | 1        | 720x480        | -     | 2/2    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>AWB-H814</b>          |                                                                               | H.264 M-JPEG       | 1        | 720x576        | -     | 4/4    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>B0100</b>             |                                                                               | H.264 M-JPEG MPEG4 | 1        | 1280x800       | 1-way | 1/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>B0202</b>             | V3.2.0.0                                                                      | H.264 M-JPEG MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>B1100</b>             |                                                                               | H.264 M-JPEG MPEG4 | 1        | 1280x800       | 1-way | 1/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>C1100</b>             |                                                                               | H.264 M-JPEG MPEG4 | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>C1100-W</b>           |                                                                               | H.264 M-JPEG MPEG4 | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |

## Forenix



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name       | Tested Firmware     | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------------|---------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>C2002</b>      | Refer to C2200      | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>C2002-W</b>    | Refer to C2200-W    | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>C2100</b>      |                     | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>C2200</b>      | Refer to B0202      | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>C2200-W</b>    | Refer to B0202      | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>D0100</b>      |                     | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>D1100</b>      |                     | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | 1-way | 1/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>D2000-FD3</b>  | Refer to M4202-DB03 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>D2000-VD3</b>  | Refer to M4202-DB02 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>D2000-VP2</b>  | Refer to M7202-DB03 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>D2100</b>      |                     | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | 1-way | 1/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>FBU-200LWD</b> | Refer to FVD-200    | H.264<br>MPEG4<br>MJPEG  | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>FBU-300LWD</b> | Refer to FVD-300WD  | H.264<br>MPEG4<br>MJPEG  | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>FBX-200</b>    |                     | H.264<br>MPEG4<br>MJPEG  | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>FBX-200LWD</b> | Refer to FBX-200    | H.264<br>MPEG4<br>MJPEG  | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>FBX-300LWD</b> | Refer to FBX-300WD  | H.264<br>M-JPEG<br>MPEG4 | 1        | 2048x1536      | 1-way | 1/1    | Yes | -              | *1   | Yes*                | Supported by design |
| <b>FBX-300WD</b>  |                     | H.264<br>MPEG4<br>MJPEG  | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>FDM-200</b>    |                     | H.264<br>MPEG4<br>MJPEG  | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>FDM-300LWD</b> | Refer to FDM-300WD  | H.264<br>MPEG4<br>MJPEG  | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |

## Forenix



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                                       | Tested Firmware    | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|---------------------------------------------------|--------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>FDM-300WD</b>                                  |                    | H.264<br>MPEG4<br>MJPEG  | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>FVD-200</b>                                    |                    | H.264<br>MPEG4<br>MJPEG  | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>FVD-200LWD</b>                                 | Refer to FDM-200   | H.264<br>MPEG4<br>MJPEG  | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>FVD-200LWD</b>                                 | Refer to FDM-200   | H.264<br>MPEG4<br>MJPEG  | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>FVD-300LWD</b>                                 | Refer to FVD-300WD | H.264<br>MPEG4<br>MJPEG  | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>FVD-300WD</b>                                  |                    | H.264<br>MPEG4<br>MJPEG  | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>GE-100-VS</b>                                  |                    | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>M0202-BH01</b>                                 | Refer to B0202     | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>M0202-BH02</b>                                 | Refer to B0202     | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>M0202-BH03</b>                                 | Refer to B0202     | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>M4202-DB02</b>                                 | Refer to B0202     | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>M4202-DB03</b>                                 | Refer to B0202     | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>M7202-DB03</b>                                 | Refer to B0202     | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>NPB-720</b>                                    | refer to NPB-720BM | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | -     | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>NPB-720A</b>                                   | refer to NPB-720BM | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | -     | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>NPB-720BM</b>                                  | VB1.0.26_TG        | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | -     | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note FW issue cannot support UPnP and autodetect. |                    |                          |          |                |       |        |     |                |      |                     |                     |
| <b>NPB-720U</b>                                   | refer to NPB-720BM | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | -     | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>NPD-720K</b>                                   | refer to NPB-720BM | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | -     | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |



## Forenix



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name      | Tested Firmware     | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|------------------|---------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>NPD-720R</b>  | refer to NPB-720BM  | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | -     | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>T2000-FB1</b> | Refer to M0202-BH01 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>T2000-FB2</b> | Refer to M0202-BH02 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>T2000-VB3</b> | Refer to M0202-BH03 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>VQ2100</b>    |                     | MJPEG<br>MPEG4<br>H.264  | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>VQ2200</b>    |                     | MJPEG<br>MPEG4<br>H.264  | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>VQ2210C</b>   |                     | MJPEG<br>MPEG4<br>H.264  | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>VQ2300</b>    |                     | MJPEG<br>MPEG4<br>H.264  | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>VQ2310</b>    |                     | MJPEG<br>MPEG4<br>H.264  | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |

## GE



GE  
Security

Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware  | Video Format   | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-------------|------------------|----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| TVC-MP2B-S  | e20120223B<br>NS | H264<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |

## Grandstream



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name        | Tested Firmware                                                                                                                                                    | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| <b>GXV-3501</b>    | 0.0.4.25                                                                                                                                                           | H264 M-JPEG  | 1        | 704x480        | 1-way | 1/1    | Yes | Yes            | -    | Yes*                |         |
| <b>GXV-3504</b>    | 0.0.4.25                                                                                                                                                           | H264 M-JPEG  | 4        | 704x480        | 1-way | 4/4    | Yes | Yes            | -    | Yes*                |         |
| <b>GXV-3601</b>    | 0.0.4.25                                                                                                                                                           | H264 M-JPEG  | 1        | 704x480        | 1-way | 1/1    | Yes | Yes            | -    | Yes*                |         |
| <b>GXV-3601HD</b>  | 0.0.4.25                                                                                                                                                           | H264 M-JPEG  | 1        | 1600x1200      | 1-way | 1/1    | Yes | Yes            | -    | Yes*                |         |
| <b>GXV-3601LL</b>  | 0.0.4.25                                                                                                                                                           | H264 M-JPEG  | 1        | 720x576        | 1-way | 1/1    | Yes | Yes            | -    | Yes*                |         |
| Note:              | Video cannot be connected under the following settings: H.264 codec, 320x240, fps=1 and bit rate >= 1024. This might be camera FW issue.                           |              |          |                |       |        |     |                |      |                     |         |
| <b>GXV-3611HD</b>  | 0.0.4.25                                                                                                                                                           | H264 M-JPEG  | 1        | 1600x1200      | 1-way | 1/1    | Yes | Yes            | -    | Yes*                |         |
| <b>GXV-3611LL</b>  | 1.0.4.31                                                                                                                                                           | H264 M-JPEG  | 1        | 720x576        | 1-way | 1/1    | Yes | Yes            | -    | Yes*                |         |
| Note:              | Video cannot be connected under the following settings: H.264 codec, 320x240, fps=1 and bit rate >= 1024. This might be camera FW issue.                           |              |          |                |       |        |     |                |      |                     |         |
| <b>GXV-3615</b>    | 0.0.4.25                                                                                                                                                           | H264 M-JPEG  | 1        | 720x576        | 1-way | -      | Yes | Yes            | -    | Yes*                |         |
| Note:              | Video cannot be connected under the following settings: H.264 codec, 320x240, fps=1 and bit rate >= 1024. This might be camera FW issue.                           |              |          |                |       |        |     |                |      |                     |         |
| <b>GXV-3651FHD</b> | 0.0.1.51                                                                                                                                                           | H264 M-JPEG  | 1        | 2560x1920      | 1-way | 1/1    | Yes | Yes            | -    | Yes*                |         |
| Note:              | Not support 5 megapixel with M-JPEG codec currently.                                                                                                               |              |          |                |       |        |     |                |      |                     |         |
| Note:              | Video cannot be connected under the following settings: H.264 codec, 2560x1920, fps < 5. This might be camera FW issue.                                            |              |          |                |       |        |     |                |      |                     |         |
| Note:              | Video disconnects easily under the following settings: H.264 codec, megapixel, fps >= 2, highest bit rate with dim light. This might be camera FW issue.           |              |          |                |       |        |     |                |      |                     |         |
| <b>GXV-3662HD</b>  | 0.0.1.50                                                                                                                                                           | H264 M-JPEG  | 1        | 1280x960       | 1-way | 1/1    | -   | Yes            | -    | Yes*                |         |
| Note:              | All cameras: audio noise on G.726 codec.                                                                                                                           |              |          |                |       |        |     |                |      |                     |         |
| Note:              | All cameras: audio is not playing smoothly as users watch live videos on both NVR side and camera side, which might be camera FW bug or performance consideration. |              |          |                |       |        |     |                |      |                     |         |

## Grundig



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name          | Tested Firmware                                                                                                                                                       | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>GCI-0735P</b>     |                                                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576        | 1-way | 4/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>GCI-C0745P</b>    | 720110412NS                                                                                                                                                           | H.264<br>M-JPEG          | 1        | 720x576        | 1-way | 4/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>GCI-H0503B</b>    | 720110422NS                                                                                                                                                           | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>GCI-H0522V</b>    |                                                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>GCI-H0602B</b>    |                                                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>GCI-H2505B</b>    | Refer to GCI-K2505B(gr20130417NSX)                                                                                                                                    | H.264,<br>MJPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>GCI-K0322V</b>    | 720110413NS                                                                                                                                                           | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>GCI-K0503B</b>    |                                                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>GCI-K0512W</b>    |                                                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | -     | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>GCI-K0523T</b>    |                                                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| Note:                | With HW restrictions, the video @ H.264 with TCP protocol is not smooth in the conditions of high resolution, fps and bitrate. We recommend to lower bitrate to 4000. |                          |          |                |       |        |     |                |      |                     |                     |
| <b>GCI-K0589T(H)</b> | Refer to GCI-K1586V(gr20130621NSA)                                                                                                                                    | H.264,<br>MJPEG          | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| <b>GCI-K0779P</b>    | gr20130621NSA                                                                                                                                                         | H.264,<br>MJPEG          | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | Yes  | Yes                 |                     |
| <b>GCI-K1523VS</b>   | Refer to GCI-K2505B(gr20130417NSX)                                                                                                                                    | H.264,<br>MJPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>GCI-K1526V</b>    | gr20120522NSA                                                                                                                                                         | MJPEG,<br>H.264          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>GCI-K1526VS</b>   | Refer to GCI-K2505B(gr20130417NSX)                                                                                                                                    | H.264,<br>MJPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |

## Grundig



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name       | Tested Firmware                                                                                                                                                                                                              | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>GCI-K1585V</b> | Refer to GCI-K1586V(gr20130621NSA)                                                                                                                                                                                           | H.264, MJPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| <b>GCI-K1586V</b> | gr20130621NSA                                                                                                                                                                                                                | H.264, MJPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 |                     |
| Note:             | FW: gr20130621NAS, gr20130417NSX<br>1. Audio has noise when camera setting is high.<br>2. Get parameter will ailed when camera setting is high.<br>3. GCI-K1586V, GCI-K0589T(H), GCI-K1585V PTZ only support zoom and focus. |              |          |                |       |        |     |                |      |                     |                     |
| <b>GCI-K1812W</b> | gr20120522NSA                                                                                                                                                                                                                | H.264        | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| <b>GCI-K2505B</b> | gr20130417NSX                                                                                                                                                                                                                | H.264, MJPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| Note:             | Framerate setting will failed when choosing TV system Autoiris WDR25fps, WDR 25fps and WDR 30fps.                                                                                                                            |              |          |                |       |        |     |                |      |                     |                     |

## Guardeon



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                                      | Tested Firmware                           | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|--------------------------------------------------|-------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| <b>GDN-D1300V</b>                                | AS65_ALL001_V0.01.09                      | H.264        | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |         |
| Note: Not support 16 KHz sampling rate audio in. |                                           |              |          |                |       |        |     |                |      |                     |         |
| <b>GDN-DV1300IR</b> □                            | Refer to GDN-D1300V(AS65_ALL001_V0.01.09) | H.264        | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |         |
| <b>GDN-D1300IR</b>                               | Refer to GDN-D1300V(AS65_ALL001_V0.01.09) | H.264        | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |         |
| <b>GDN-D3200V</b> □                              | AS65_ALL001_V0.02.00                      | H.264        | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |         |
| <b>GDN-D3200IR</b>                               | Refer to GDN-D3200V(AS65_ALL001_V0.02.00) | H.264        | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |         |
| <b>GDN-F1300V</b> □                              | Refer to GDN-D1300V(AS65_ALL001_V0.01.09) | H.264        | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |         |
| <b>GDN-H1300IR</b>                               | Refer to GDN-D1300V(AS65_ALL001_V0.01.09) | H.264        | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |         |
| <b>GDN-H3200IR</b> □                             | Refer to GDN-D3200V(AS65_ALL001_V0.02.00) | H.264        | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |         |

## Guardliner



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                        | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks           |
|-------------|--------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|-------------------|
| SPmicro-412 | V1.31.0001A<br>082.22.6446.<br>256-<br>SNA400436C<br>2 | H.264<br>MPEG4<br>M-JPEG | 1        | D1             | -     | -      | -   | -              | -    | -                   | Support by design |

## HIKVision



New-platform models: FW 20100628 is compatible  
 Old-platform models: only FW 20100320 is acceptable  
 Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

| Device Name           | Tested Firmware                                                                         | Video Format   | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks                |
|-----------------------|-----------------------------------------------------------------------------------------|----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|------------------------|
| <b>DS-2CD2012-I</b>   | V4.0.9<br>130106                                                                        | H.264          | 1        | 1280x960       | -     | -      | -   | Yes            | Yes  | Yes*                |                        |
| Note:                 | DS-2CD2012-I FW issue: not support PTZ function but web setting can enable this option. |                |          |                |       |        |     |                |      |                     |                        |
| <b>DS-2CD2112-I</b>   | V4.0.9<br>130106                                                                        | H.264          | 1        | 1280x960       | -     | -      | -   | Yes            | Yes  | Yes*                |                        |
| <b>DS-2CD2212-I5</b>  | V4.0.9<br>130106                                                                        | H.264          | 1        | 1280x960       | -     | -      | -   | Yes            | Yes  | Yes*                |                        |
| <b>DS-2CD2312-I</b>   | V4.0.9<br>130106                                                                        | H.264          | 1        | 1280x960       | -     | -      | -   | Yes            | Yes  | Yes*                |                        |
| <b>DS-2CD702NF-E</b>  |                                                                                         | H.264          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| <b>DS-2CD702PF-E</b>  |                                                                                         | H.264          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| <b>DS-2CD712NF-E</b>  |                                                                                         | H.264          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| <b>DS-2CD712PF-E</b>  |                                                                                         | H.264          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| <b>DS-2CD7133-E</b>   | V2.0 100628                                                                             | H.264          | 1        | 640x480        | -     | -      | -   | Yes            | -    | -                   |                        |
| <b>DS-2CD7153-E</b>   | V3.2 120105                                                                             | H.264          | 1        | 1600x1200      | -     | -      | -   | Yes            | -    | Yes*                |                        |
| <b>DS-2CD732F-E</b>   | 20100320                                                                                | H.264          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   |                        |
| <b>DS-2CD733F-E</b>   | V2.0 100716                                                                             | H.264          | 1        | 640x480        | 1-way | 2/2    | Yes | Yes            | -    | -                   | Tested by manufacturer |
| <b>DS-2CD752MF-E</b>  |                                                                                         | H.264          | 1        | 1600x1200      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design    |
| <b>DS-2CD752MF-FB</b> | V2.0 110426                                                                             | H.264          | 1        | 1600x1200      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                        |
| Note:                 | DS-2CD752MF-FB PTZ can't test on RS-485                                                 |                |          |                |       |        |     |                |      |                     |                        |
| <b>DS-2CD753F-E</b>   | V2.0 100628                                                                             | H.264          | 1        | 1600x1200      | 1-way | 2/2    | Yes | Yes            | -    | -                   |                        |
| <b>DS-2CD754F-E</b>   | Refer to<br>2CD754FWD-EI                                                                | H.264<br>MPEG4 | 1        | 1920x1080      | 1-way | 2/2    | Yes | Yes            | Yes  | Yes*                | Supported by design    |



## HIKVision



New-platform models: FW 20100628 is compatible  
 Old-platform models: only FW 20100320 is acceptable  
 Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware       | Video Format      | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks                |
|-----------------|-----------------------|-------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|------------------------|
| DS-2CD754F-EI   | Refer to 2CD754FWD-EI | H.264 MPEG4       | 1        | 1920x1080      | 1-way | 2/2    | Yes | Yes            | Yes  | Yes*                | Supported by design    |
| DS-2CD754FWD-EI | V3.2 120105           | H.264 MPEG4 MJPEG | 1        | 1920x1080      | 1-way | 2/2    | Yes | Yes            | YES  | Yes*                |                        |
| DS-2CD762MF-FB  | 20100320              | H.264             | 1        | 1280x960       | 1-way | 1/1    | Yes | Yes            | Yes  | -                   |                        |
| DS-2CD792NF-E   |                       | H.264             | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD792PF-E   |                       | H.264             | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD793PFWD-E | V2.0 100628           | H.264             | 1        | 704x576        | 1-way | 2/2    | Yes | Yes            | No   | -                   | Tested by manufacturer |
| DS-2CD802NF     |                       | H.264             | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD802NF-E   |                       | H.264             | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD802NF-W   |                       | H.264             | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD802PF     |                       | H.264             | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD802PF-E   |                       | H.264             | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD802PF-W   |                       | H.264             | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD802N-IR1  |                       | H.264             | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD802N-IR3  |                       | H.264             | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD802N-IR5  |                       | H.264             | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD802P-IR1  |                       | H.264             | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD802P-IR3  |                       | H.264             | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD802P-IR5  |                       | H.264             | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |

## HIKVision



New-platform models: FW 20100628 is compatible  
 Old-platform models: only FW 20100320 is acceptable  
 Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

| Device Name         | Tested Firmware                                         | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks                |
|---------------------|---------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|------------------------|
| DS-2CD812NF         |                                                         | H.264        | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD812NF-E       |                                                         | H.264        | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD812NF-W       |                                                         | H.264        | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD812PF         | v2.0 build 090522                                       | H.264        | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Tested by manufacturer |
| DS-2CD812PF-E       | Refer to DS-2CD812PF (FW v2.0 build 090522)             | H.264        | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD812PF-W       | Refer to DS-2CD812PF (FW v2.0 build 090522)             | H.264        | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD812N-IR1      |                                                         | H.264        | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD812N-IR3      |                                                         | H.264        | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD812N-IR5      |                                                         | H.264        | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD812P-IR1      |                                                         | H.264        | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD812P-IR3      |                                                         | H.264        | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD812P-IR5      |                                                         | H.264        | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD8253F-EI      | v4.0.3 build121123                                      | H.264 MPEG4  | 1        | 1600x1200      | -     | -      | -   | Yes            | Yes  | -                   |                        |
| Note:               | Not support audio but the clickbox is opened(cgi issue) |              |          |                |       |        |     |                |      |                     |                        |
| DS-2CD8254F-EIS     | V3.2 120105                                             | H.264 MPEG4  | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                        |
| DS-2CD8264FWD-(EIS) | v4.0.3 build121123                                      | H.264 MPEG4  | 1        | 1280x960       | 1-way | 1/1    | Yes | Yes            | Yes  | -                   |                        |
| Note:               | PTZ can't work                                          |              |          |                |       |        |     |                |      |                     |                        |

## HIKVision



New-platform models: FW 20100628 is compatible  
 Old-platform models: only FW 20100320 is acceptable  
 Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

| Device Name    | Tested Firmware                                                                                                                                                                                 | Video Format   | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks                |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|------------------------|
| DS-2CD832F     |                                                                                                                                                                                                 | H.264          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD832F-E   |                                                                                                                                                                                                 | H.264          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD852MF-E  | 20100320                                                                                                                                                                                        | H.264          | 1        | 1600x1200      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   |                        |
| DS-2CD853F-E   | V3.2 120105                                                                                                                                                                                     | H.264<br>MPEG4 | 1        | 1600x1200      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                        |
| DS-2CD854F-E   | V3.2 120105                                                                                                                                                                                     | H.264<br>MPEG4 | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                        |
| DS-2CD862MF-E  |                                                                                                                                                                                                 | H.264          | 1        | 1280x960       | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD863PF-E  | V2.0 100628                                                                                                                                                                                     | H.264          | 1        | 1280x960       | 1-way | 1/1    | Yes | Yes            | -    | -                   | Tested by manufacturer |
| DS-2CD864FWD-E | v4.0.3<br>build121123                                                                                                                                                                           | H.264<br>MPEG4 | 1        | 1280x960       | 1-way | 1/1    | Yes | Yes            | Yes  | -                   |                        |
| Note:          | DI can't work, G726 talk can't work, zoom in/out can't work                                                                                                                                     |                |          |                |       |        |     |                |      |                     |                        |
| DS-2CD883F-E   | V3.2 120105                                                                                                                                                                                     | H.264<br>MPEG4 | 1        | 2560x1920      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                        |
| Note:          | 1.DS-2CD8254F-EIS、DS-2CD853F-E、DS-2CD854F-E、DS-2CD883F-E can't set framerate 15~22 in Max resolution<br>2.DS-2CD8254F-EIS、DS-2CD854F-E、DS-2CD883F-E image broken when resolution over 1600x1200 |                |          |                |       |        |     |                |      |                     |                        |
| DS-2CD892NF    |                                                                                                                                                                                                 | H.264          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD892NF-E  |                                                                                                                                                                                                 | H.264          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD892NF-W  |                                                                                                                                                                                                 | H.264          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD892PF    |                                                                                                                                                                                                 | H.264          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD892PF-E  |                                                                                                                                                                                                 | H.264          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD892PF-W  |                                                                                                                                                                                                 | H.264          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD892N-IR1 |                                                                                                                                                                                                 | H.264          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |
| DS-2CD892N-IR3 |                                                                                                                                                                                                 | H.264          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design    |

## HIKVision



New-platform models: FW 20100628 is compatible  
 Old-platform models: only FW 20100320 is acceptable  
 Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

| Device Name           | Tested Firmware                                                                                                                                                                                                                                                    | Video Format            | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>DS-2CD892N-IR5</b> |                                                                                                                                                                                                                                                                    | H.264                   | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| <b>DS-2CD892P-IR1</b> |                                                                                                                                                                                                                                                                    | H.264                   | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| <b>DS-2CD892P-IR3</b> |                                                                                                                                                                                                                                                                    | H.264                   | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| <b>DS-2CD892P-IR5</b> |                                                                                                                                                                                                                                                                    | H.264                   | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| <b>DS-2DF1-572</b>    | V4.1.2 build 121205                                                                                                                                                                                                                                                | H.264                   | 1        | 1280*720       | 1-way | 1/1    | Yes | Yes            | -    | Yes*                |                     |
| <b>DS-6101HFI-IP</b>  | V2.0 101112                                                                                                                                                                                                                                                        | H.264                   | 1        | 704x576        | -     | 1/1    | -   | Yes            | -    | -                   |                     |
| Note:                 | PTZ is only supported by external RS-485 device.                                                                                                                                                                                                                   |                         |          |                |       |        |     |                |      |                     |                     |
| <b>Generic</b>        | v4.0.3 build121123<br>v1.0.2 build 121107<br>V4.1.2 build 121205<br>v4.0.9 build 130106                                                                                                                                                                            | H.264<br>MPEG4<br>MJPEG | 4        | 2560x1920      | 1-way | 2/2    | Yes | Yes            | *1   | Yes*                |                     |
| Note:                 | 1. v4.0.3 build121123 is the version of firmware of IPCam<br>2. v1.0.2 build 121107 is the version of firmware of 6601HFHI<br>3. v4.1.2 build 121205 is the version of firmware of Speeddome<br>4. v4.0.9 build 130106 is the version of firmware of Rapter series |                         |          |                |       |        |     |                |      |                     |                     |

## Histream



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                                                                                                                                                                                                                                                                         | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| HIHD_64     | 2.3.1.2.0.150                                                                                                                                                                                                                                                                                                                                           | H.264, MJPEG | 1        | 704x480        | 1-way | 1/0    | Yes | Yes            | -    | Yes*                |         |
| HIHD_T_IR   | 5.3.1.3.0.1                                                                                                                                                                                                                                                                                                                                             | H.264, MJPEG | 1        | 1920x1080      | -     | -      | -   | -              | -    | -                   |         |
| Note:       | HIHD_T_IR: Only support main stream video, camera setting(1920x1080, 1280x960, 1280x720)<br>The others not mentioned are not support                                                                                                                                                                                                                    |              |          |                |       |        |     |                |      |                     |         |
| Note:       | 1. camera response very slow<br>2. camera response very slow, when change video parameter, there is high opportunity to disconnect. Just wait for a while, or reboot camera, and then be able to reconnect.<br>3. camera response very slow, there is high opportunity to fail at autodetect, not support autodetect.<br>4. not support preset function |              |          |                |       |        |     |                |      |                     |         |

## Honeywell



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name           | Tested Firmware                                                                                                                                                                                                                                             | Video Format   | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks                |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|------------------------|
| <b>ACUIX</b>          | 1.5.6                                                                                                                                                                                                                                                       | MPEG4          | 1        | 4CIF           | -     | -      | Yes | -              | -    | Yes                 |                        |
| Note:                 | Sometimes the PTZ function doesn't work properly due to camera FW; users have to restart to make it work.<br>The speed of PTZ is not correspondent with camera web, which might be due to camera FW.                                                        |                |          |                |       |        |     |                |      |                     |                        |
| <b>HCD554IP</b>       | 5.4.5                                                                                                                                                                                                                                                       | MPEG4          | 1        | 4CIF           | 1-way | 0/1    | -   | -              | -    | Yes                 |                        |
| Note:                 | Disable input function due to camera FW.                                                                                                                                                                                                                    |                |          |                |       |        |     |                |      |                     |                        |
| <b>HCD5MIH</b> □      | 13.1.2                                                                                                                                                                                                                                                      | H.264<br>MJPEG | 1        | 1280x720       | 1-way | 1/1    | -   | Yes            | -    | Yes                 |                        |
| Note:                 | 1. For integration issue not support TCP connection.                                                                                                                                                                                                        |                |          |                |       |        |     |                |      |                     |                        |
| <b>HD3MDIH</b>        | 11.0.3                                                                                                                                                                                                                                                      | H.264<br>MJPEG | 1        | 1280x720       | 1-way | 1/1    | -   | Yes            | -    | Yes                 |                        |
| Note:                 | 1. For integration issue not support TCP connection.                                                                                                                                                                                                        |                |          |                |       |        |     |                |      |                     |                        |
| <b>HD4MDIP</b>        | 8.04                                                                                                                                                                                                                                                        | MPEG4          | 1        | 1280x720       | 1-way | -      | -   | Yes            | -    | Yes                 |                        |
| <b>HD4MDIH</b>        | 12.0.3                                                                                                                                                                                                                                                      | H.264<br>MJPEG | 1        | 1280x720       | 1-way | 1/1    | -   | Yes            | -    | Yes                 |                        |
| Note:                 | 1. For integration issue not support TCP connection.                                                                                                                                                                                                        |                |          |                |       |        |     |                |      |                     |                        |
| <b>HNVE1</b>          | 6.3.4                                                                                                                                                                                                                                                       | MPEG4          | 1        | 4CIF           | 1-way | -      | -   | -              | -    | Yes                 |                        |
| Note:                 | Disable I/O function due to camera FW.                                                                                                                                                                                                                      |                |          |                |       |        |     |                |      |                     |                        |
| <b>HDZ20HDX</b>       | H20120808N<br>SA                                                                                                                                                                                                                                            | H.264<br>MJPEG | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | Yes  | Yes                 |                        |
| <b>HDZ20HDE<br/>X</b> | Refer to<br>HDZ20HDX(H<br>20120808NS                                                                                                                                                                                                                        | H.264<br>MJPEG | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | Yes  | Yes                 | Supported by<br>design |
| <b>HDZ20HD</b>        | Refer to<br>HDZ20HDX(H<br>20120809NS                                                                                                                                                                                                                        | H.264<br>MJPEG | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | Yes  | Yes*                | Supported by<br>design |
| <b>HDZ20HDE</b>       | Refer to<br>HDZ20HDX(H<br>20120810NS                                                                                                                                                                                                                        | H.264<br>MJPEG | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | Yes  | Yes*                | Supported by<br>design |
| Note:                 | Parameter setting will fail when Mjpeg quality bigger than 60                                                                                                                                                                                               |                |          |                |       |        |     |                |      |                     |                        |
| Note:                 | HD3MDIP, HD4MDIP: Not support I/O currently.<br>All models: Users may be confused because the username on login page of camera web is "administrator", but it's "admin" actually. If you type in "administrator", you are no longer to connect the cameras. |                |          |                |       |        |     |                |      |                     |                        |

## i-Mege



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name   | Tested Firmware | Video Format            | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|---------------|-----------------|-------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| <b>B3210E</b> | V1.02.05.04     | MJPEG<br>MPEG4<br>H.264 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |
| <b>G2212E</b> | V1.04.01.02     | MJPEG<br>MPEG4<br>H.264 | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |         |
| <b>G2213E</b> | V1.04.01.02     | MJPEG<br>MPEG4<br>H.264 | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |         |
| <b>G2214H</b> | V1.04.01.02     | MJPEG<br>MPEG4<br>H.264 | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |         |
| <b>G3211E</b> | V1.02.05.04     | MJPEG<br>MPEG4<br>H.264 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |
| <b>N3211E</b> | V1.02.05.04     | MJPEG<br>MPEG4<br>H.264 | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes*                |         |
| <b>V2211E</b> | V1.04.01.02     | MJPEG<br>MPEG4<br>H.264 | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |         |

## InscapeData



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name   | Tested Firmware | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|---------------|-----------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| NVC3033H-DN   | 1.1.8           | H264 MJPEG   | 1        | 720x480        | -     | -      | -   | -              | -    | Yes                 |         |
| NVC360H-DN-IR | 1.1.8           | H264 MJPEG   | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                 |         |



## IQinVision



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                                         | Tested Firmware | Video Format    | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-----------------------------------------------------|-----------------|-----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>IQ040S</b>                                       |                 | M-JPEG          | 1        | 720x480        | -     | -      | -   | Yes            | -    | -                   | Supported by design |
| <b>IQ041S</b>                                       |                 | M-JPEG          | 1        | 1280x1024      | -     | -      | -   | Yes            | -    | -                   | Supported by design |
| <b>IQ042S</b>                                       | V3.1/6          | M-JPEG          | 1        | 1600x1200      | -     | -      | -   | Yes            | -    | -                   |                     |
| <b>IQ540S</b>                                       |                 | M-JPEG          | 1        | 720x480        | -     | -      | -   | Yes            | -    | -                   | Supported by design |
| <b>IQ541S</b>                                       |                 | M-JPEG          | 1        | 1280x1024      | -     | -      | -   | Yes            | -    | -                   | Supported by design |
| <b>IQ542S</b>                                       | V3.1/6          | M-JPEG          | 1        | 1600x1200      | -     | -      | -   | Yes            | -    | -                   |                     |
| <b>IQA15N</b>                                       | V3.0/8(100702)  | M-JPEG          | 1        | 2560x1920      | -     | 1/1    | -   | Yes            | -    | -                   |                     |
| <b>IQA25S</b>                                       | V2.9/6          | M-JPEG          | 1        | 1280x1024      | -     | 1/1    |     | -              | -    | -                   |                     |
| <b>IQD30S</b>                                       | V3.1/6          | H.264<br>M-JPEG | 1        | 720x480        | 1-way | -      | -   | Yes            | -    | -                   |                     |
| <b>IQD31S</b>                                       | V3.1/6          | H.264<br>M-JPEG | 1        | 1280x720       | 1-way | -      | -   | Yes            | -    | -                   |                     |
| <b>IQD32S</b>                                       | V3.3/5(120215)  | H.264<br>M-JPEG | 1        | 1920x1080      | 1-way | -      | -   | Yes            | -    | Yes*                | Test by link        |
| Note: IQD3xS Series are not support audio in M-JPEG |                 |                 |          |                |       |        |     |                |      |                     |                     |
| <b>IQD40S</b>                                       |                 | M-JPEG          | 1        | 720x480        | -     | -      | -   | Yes            | -    | -                   | Supported by design |
| <b>IQD41S</b>                                       |                 | M-JPEG          | 1        | 1280x1024      | -     | -      | -   | Yes            | -    | -                   | Supported by design |
| <b>IQD42S</b>                                       | V3.1/6          | M-JPEG          | 1        | 1600x1200      | -     | -      | -   | Yes            | -    | -                   |                     |
| <b>IQeye301</b>                                     |                 | M-JPEG          | 1        | 1280x1024      | -     | 1/1    | -   | Yes            | -    | -                   | Supported by design |
| <b>IQeye301m</b>                                    |                 | M-JPEG          | 1        | 1280x1024      | -     | 1/1    | -   | Yes            | -    | -                   | Supported by design |
| <b>IQeye301w</b>                                    |                 | M-JPEG          | 1        | 1280x1024      | -     | 1/1    | -   | Yes            | -    | -                   | Supported by design |
| <b>IQeye302</b>                                     |                 | M-JPEG          | 1        | 1280x1024      | -     | 1/1    | -   | Yes            | -    | -                   | Supported by design |

## IQinVision



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name      | Tested Firmware | Video Format    | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|------------------|-----------------|-----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>IQeye302w</b> |                 | M-JPEG          | 1        | 1280x1024      | -     | 1/1    | -   | Yes            | -    | -                   | Supported by design |
| <b>IQeye303</b>  |                 | M-JPEG          | 1        | 1280x1024      | -     | 1/1    | -   | Yes            | -    | -                   | Supported by design |
| <b>IQeye303w</b> |                 | M-JPEG          | 1        | 1280x1024      | -     | 1/1    | -   | Yes            | -    | -                   | Supported by design |
| <b>IQeye501</b>  |                 | M-JPEG          | 1        | 1280x1024      | -     | 1/1    | -   | Yes            | -    | -                   |                     |
| <b>IQeye510</b>  | B2.8/608        | M-JPEG          | 1        | 752x480        | -     | -      | -   | Yes            | -    | -                   |                     |
| <b>IQeye511</b>  | V2.8/6          | M-JPEG          | 1        | 1280x1024      | -     | -      | -   | Yes            | -    | -                   |                     |
| <b>IQeye601</b>  |                 | M-JPEG          | 1        | 1280x1024      | -     | 1/1    | -   | Yes            | -    | -                   | Supported by design |
| <b>IQeye602</b>  |                 | M-JPEG          | 1        | 1280x1024      | -     | 1/1    | -   | Yes            | -    | -                   | Supported by design |
| <b>IQeye603</b>  |                 | M-JPEG          | 1        | 1280x1024      | -     | 1/1    | -   | Yes            | -    | -                   | Supported by design |
| <b>IQeye701</b>  | V2.8/6          | M-JPEG          | 1        | 1280x1024      | -     | 1/1    | -   | Yes            | -    | -                   |                     |
| <b>IQeye702</b>  | V2.8/6          | M-JPEG          | 1        | 1600x1200      | -     | 1/1    | -   | Yes            | -    | -                   |                     |
| <b>IQeye703</b>  | V2.8/6          | M-JPEG          | 1        | 2048x1536      | -     | 1/1    | -   | Yes            | -    | -                   |                     |
| <b>IQeye705</b>  | V2.8/6          | M-JPEG          | 1        | 2560x1920      | -     | 1/1    | -   | Yes            | -    | -                   |                     |
| <b>IQeye751</b>  |                 | M-JPEG          | 1        | 1280x1024      | -     | 1/1    | -   | Yes            | -    | -                   | Supported by design |
| <b>IQeye752</b>  | V2.8/6          | M-JPEG          | 1        | 1600x1200      | -     | 1/1    | -   | Yes            | -    | -                   |                     |
| <b>IQeye753</b>  |                 | M-JPEG          | 1        | 2048x1536      | -     | 1/1    | -   | Yes            | -    | -                   | Supported by design |
| <b>IQeye755</b>  | V2.8/6          | M-JPEG          | 1        | 2560x1920      | -     | 1/1    | -   | Yes            | -    | -                   |                     |
| <b>IQeye855</b>  | V2.8/6          | M-JPEG          | 1        | 2560x1920      | -     | 1/1    | -   | Yes            | -    | -                   |                     |
| <b>IQeye863N</b> | V3.3/5(120130)  | H.264<br>M-JPEG | 1        | 3MP            | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Test by link        |

## IQinVision



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name      | Tested Firmware | Video Format                              | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks      |
|------------------|-----------------|-------------------------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|--------------|
| <b>IQeye865N</b> | V3.3/5(120130)  | H.264 M-JPEG                              | 1        | 5MP            | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Test by link |
| <b>IQM30N</b>    | V3.3/4(120130)  | H.264 M-JPEG                              | 1        | 720x480        | 1-way | -      | -   | Yes            | -    | Yes*                | Test by link |
| <b>IQM31N</b>    | V3.3/5(120215)  | H.264 M-JPEG                              | 1        | 1280x720       | 1-way | -      | -   | Yes            | -    | Yes*                | Test by link |
| <b>IQM32N</b>    | V3.3/5(120215)  | H.264 M-JPEG                              | 1        | 1920x1080      | 1-way | -      | -   | Yes            | -    | Yes*                | Test by link |
| Note:            |                 | IQM3xN series not support audio in M-JPEG |          |                |       |        |     |                |      |                     |              |

## Jetstor



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name   | Tested Firmware | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|---------------|-----------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| JS-C1100      |                 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| JS-C2100      |                 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| JS-WGP-100-CB |                 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| JS-B0100      |                 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | 1-way | 1/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| JS-B0100-W    |                 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | 1-way | 1/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| JS-B0131      |                 | M-JPEG<br>MPEG4          | 1        | 1280x800       | 1-way | 1/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| JS-BB1100-R30 |                 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | 1-way | 1/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| JS-B1100      |                 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | 1-way | 1/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| JB-B1204-R25  |                 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| JS-D0100      |                 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| JS-D1100      |                 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1280x800       | 1-way | 1/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| JS-D1130      |                 | M-JPEG<br>MPEG4          | 1        | 1280x800       | 1-way | 1/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| JS-D1204      |                 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| JS-ISD0200x18 |                 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| JS-OSD0200x20 |                 | H.264<br>M-JPEG<br>MPEG4 | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | Yes  | Yes*                | Supported by design |

| JVC                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                |          |                |       |        |     |                |      |                     |         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
|  |                                                                                                                                                                                                                                                                                                                                                                                                                                   | Dual stream support Yes*: support JPEG format<br>Dual stream support Yes: support H.264 format |          |                |       |        |     |                |      |                     |         |
| Device Name                                                                       | Tested Firmware                                                                                                                                                                                                                                                                                                                                                                                                                   | Video Format                                                                                   | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
| <b>VN-H37</b>                                                                     | refer VN-H137                                                                                                                                                                                                                                                                                                                                                                                                                     | H.264                                                                                          | 1        | 1920x1080      | -     | -      | -   | Yes            | -    | Yes*                |         |
| <b>VN-H237</b>                                                                    | refer VN-H137                                                                                                                                                                                                                                                                                                                                                                                                                     | H.264                                                                                          | 1        | 1920x1080      | -     | -      | -   | Yes            | -    | Yes*                |         |
| <b>VN-H137</b>                                                                    | 4.02.378                                                                                                                                                                                                                                                                                                                                                                                                                          | H.264                                                                                          | 1        | 1920x1080      | -     | -      | -   | Yes            | -    | Yes*                |         |
| Note:                                                                             | 1. H264 support Baseline Profile only<br>2. When 30fps or 25fps is set, 3DDNR, motion detection and analog video output are not available.<br>3. Encoder settings can not be changed during multicast.<br>4. Firmware Issue: H264 video stream is unstable over low framerate.                                                                                                                                                    |                                                                                                |          |                |       |        |     |                |      |                     |         |
| <b>VN-H157</b>                                                                    | refer VN-H57                                                                                                                                                                                                                                                                                                                                                                                                                      | H.264                                                                                          | 1        | 1920x1080      | 1-way | 2/2    | -   | Yes            | -    | Yes*                |         |
| <b>VN-H257</b>                                                                    | refer VN-H57                                                                                                                                                                                                                                                                                                                                                                                                                      | H.264                                                                                          | 1        | 1920x1080      | 1-way | 2/2    | -   | Yes            | -    | Yes*                |         |
| <b>VN-H57</b>                                                                     | 4.00.575                                                                                                                                                                                                                                                                                                                                                                                                                          | H.264                                                                                          | 1        | 1920x1080      | 1-way | 2/2    | -   | Yes            | -    | Yes*                |         |
| Note:                                                                             | 1. H264 support Baseline Profile only<br>2. When 30fps or 25fps is set, 3DDNR, motion detection and analog video output are not available.<br>3. Encoder settings can not be changed during multicast.<br>4. Firmware Issue: MJPEG video stream is unstable over high resolutions.                                                                                                                                                |                                                                                                |          |                |       |        |     |                |      |                     |         |
| <b>VN-H657</b>                                                                    | 2.01.827<br>SPL2841                                                                                                                                                                                                                                                                                                                                                                                                               | H264<br>MJPEG                                                                                  | 1        | 1920x1080      | -     | 2/2    | Yes | Yes            | -    | Yes*                |         |
| Note:                                                                             | Motion Detection is available at Home Position.<br>Firmware Issue: Mjpeg video stream is unstable over high resolutions such as 1920X1080, 1280x720.                                                                                                                                                                                                                                                                              |                                                                                                |          |                |       |        |     |                |      |                     |         |
| <b>VN-T16</b>                                                                     | j.2.2.2232                                                                                                                                                                                                                                                                                                                                                                                                                        | H264<br>MPEG4<br>MJPEG                                                                         | 1        | 1920x1080      | 1-way | -      | -   | Yes            | -    | Yes*                |         |
| Note:                                                                             | 1. There are lower frame rate limitations for H264 and MPEG4. When choosing CBR, some conditions will be disabled based on different resolution setting. When choosing VBR, some conditions will be disabled based on different resolution setting.<br>2. Firmware Issue: Mjpeg video stream is unstable over high resolutions such as 1920X1080, 1280x720.<br>3. Firmware Issue: The Encoder parameters may not sync camera web. |                                                                                                |          |                |       |        |     |                |      |                     |         |
| <b>VN-T216</b>                                                                    | refer VN-T16<br>(j.2.2.2232)                                                                                                                                                                                                                                                                                                                                                                                                      | H264<br>MPEG4<br>MJPEG                                                                         | 1        | 1920x1080      | 1-way | -      | -   | Yes            | -    | Yes*                |         |
| Note:                                                                             | 1. There are lower frame rate limitations for H264 and MPEG4. When choosing CBR, some conditions will be disabled based on different resolution setting. When choosing VBR, some conditions will be disabled based on different resolution setting.<br>2. Firmware Issue: Mjpeg video stream is unstable over high resolutions such as 1920X1080, 1280x720.<br>3. Firmware Issue: The Encoder parameters may not sync camera web. |                                                                                                |          |                |       |        |     |                |      |                     |         |
| <b>VN-V686</b>                                                                    | refer VN-V685                                                                                                                                                                                                                                                                                                                                                                                                                     | MPEG4                                                                                          | 1        | VGA            | -     | 2/2    | Yes | Yes            | -    | Yes*                |         |

## JVC



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                 | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-------------|-------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| VN-V685     | 3.04                                            | MPEG4        | 1        | VGA            | -     | 2/2    | Yes | Yes            | -    | Yes*                |         |
| Note:       | Motion Detection is available at Home Position. |              |          |                |       |        |     |                |      |                     |         |

## LevelOne



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                                                                                                                  | Tested Firmware   | Video Format          | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| FCS-0010                                                                                                                     |                   | MPEG4 M-JPEG          | 1        | 640x480        | 1-way | -      | -   | -              | Yes  | -                   | Supported by design |
| FCS-0020                                                                                                                     |                   | MPEG4 M-JPEG          | 1        | 640x480        | 1-way | -      | -   | -              | Yes  | -                   | Supported by design |
| FCS-0030                                                                                                                     | Refer to WCS-0030 | H.264<br>MPEG4 M-JPEG | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | -                   | Supported by design |
| FCS-0031                                                                                                                     | 1.0.0.35          | H.264<br>MPEG4 M-JPEG | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | -                   |                     |
| Note: Not support on-edge motion with MJPEG format, which is camera limitation.                                              |                   |                       |          |                |       |        |     |                |      |                     |                     |
| FCS-0040                                                                                                                     | Refer to WCS-0040 | H.264<br>MPEG4 M-JPEG | 1        | 1280x960       | 1-way | -      | -   | -              | Yes  | -                   | Supported by design |
| Note: Not support on-edge motion currently due to camera issue.                                                              |                   |                       |          |                |       |        |     |                |      |                     |                     |
| FCS-1030V2.0                                                                                                                 |                   | MPEG4                 | 1        | 720x576        | 1-way | -      | -   | Yes            | Yes  | -                   | Supported by design |
| FCS-1040                                                                                                                     | 0102a             | MPEG4 M-JPEG          | 1        | 720x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   |                     |
| FCS-1060                                                                                                                     | 0202a             | MPEG4                 | 1        | 720x576        | 1-way | -      | Yes | Yes            | Yes  | -                   |                     |
| FCS-1070                                                                                                                     |                   | MPEG4 M-JPEG          | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| FCS-1081                                                                                                                     |                   | MPEG4 M-JPEG          | 1        | 640x480        | -     | -      | -   | Yes            | Yes  | -                   | Supported by design |
| FCS-1081A                                                                                                                    |                   | MPEG4 M-JPEG          | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | -                   |                     |
| FCS-1091                                                                                                                     |                   | MPEG4 M-JPEG          | 1        | 640x480        | 1-way | 2/2    | -   | -              | Yes  | -                   | Supported by design |
| FCS-1101                                                                                                                     |                   | MPEG4 M-JPEG          | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | -                   | Supported by design |
| FCS-1131                                                                                                                     | L20101222N S      | H.264 M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | -                   |                     |
| FCS-1132                                                                                                                     | v1.0.0.2          | H.264<br>MPEG4 M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| Note: 1. Motion Detection of MPEG4 is error.                                                                                 |                   |                       |          |                |       |        |     |                |      |                     |                     |
| FCS-1141                                                                                                                     | L20100623N S      | H.264 M-JPEG          | 1        | 1280x960       | 1-way | 1/1    | -   | Yes            | Yes  | -                   |                     |
| Note: UPnP search doesn't work properly sometimes, which happens on camera's own search tool. We are clarifying with vendor. |                   |                       |          |                |       |        |     |                |      |                     |                     |

## LevelOne



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name        | Tested Firmware                                                                                                                                                                      | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>FCS-1151</b>    | 0100c                                                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   |                     |
| Note:              | UPnP search doesn't work properly sometimes, which happens on camera's own search tool. We are clarifying with vendor.                                                               |                          |          |                |       |        |     |                |      |                     |                     |
| <b>FCS-3000</b>    | 0101a                                                                                                                                                                                | MPEG4<br>M-JPEG          | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   |                     |
| <b>FCS-3021</b>    |                                                                                                                                                                                      | MPEG4<br>M-JPEG          | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>FCS-3031</b>    | V1.0.04                                                                                                                                                                              | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | -   | -              | Yes  | -                   |                     |
| Note:              | The frame rate is 15 even configuring frame rate 1 under 320x240 and 160x120 resolution, which belongs to camera issue.<br>Not support on-edge motion currently due to camera issue. |                          |          |                |       |        |     |                |      |                     |                     |
| <b>FCS-3052</b>    | v1.0.0.2                                                                                                                                                                             | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| Note:              | 1. Motion Detection of MPEG4 is error.                                                                                                                                               |                          |          |                |       |        |     |                |      |                     |                     |
| <b>FCS-3061</b>    | 1.0.0.34                                                                                                                                                                             | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | -                   |                     |
| <b>FCS-3071</b>    | L20101222N<br>S                                                                                                                                                                      | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | -                   |                     |
| <b>FCS-3071-V2</b> | le20120905N<br>SA                                                                                                                                                                    | H.264<br>M-JPEG          | 1        | 1920x1080      | -     | -      | -   | Yes            | Yes  | Yes*                |                     |
| <b>FCS-3081</b>    | L20101222N<br>S                                                                                                                                                                      | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | -                   |                     |
| <b>FCS-3091</b>    | 2.0.0629                                                                                                                                                                             | MPEG4<br>M-JPEG          | 1        | 1600x1200      | 1-way | 4/1    | -   | -              | Yes  | -                   |                     |
| Note:              | Not support on-edge motion & dual stream in this camera FW due to its limitation.                                                                                                    |                          |          |                |       |        |     |                |      |                     |                     |
| <b>FCS-3101</b>    | FCS-3101-<br>ANC3211M-<br>1.0.1.3-08-                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes                 |                     |
| <b>FCS-4010</b>    |                                                                                                                                                                                      | MPEG4<br>M-JPEG          | 1        | 720x576        | 1-way | 4/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>FCS-4041</b>    | le20130117N<br>SA                                                                                                                                                                    | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:              | LevelOne FCS-4041: High video parameter causes slow CGI command response.                                                                                                            |                          |          |                |       |        |     |                |      |                     |                     |
| <b>FCS-4101</b>    | FCS-4101-<br>ANC3210M-<br>1.0.1.3-08-                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | -      | Yes | Yes            | Yes  | Yes                 |                     |
| <b>FCS-4x00</b>    |                                                                                                                                                                                      | MPEG4<br>M-JPEG          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |



## LevelOne



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name         | Tested Firmware                                                                                                                                                                                                        | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>FCS-5011</b>     | 0100c                                                                                                                                                                                                                  | MPEG4<br>M-JPEG          | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>FCS-5030</b>     | 0100a2                                                                                                                                                                                                                 | MPEG4<br>M-JPEG          | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:               | No audio support in M-JPEG.                                                                                                                                                                                            |                          |          |                |       |        |     |                |      |                     |                     |
| <b>FCS-5041</b>     | 1.0.0.46                                                                                                                                                                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | -                   |                     |
| <b>FCS-5051</b>     | L20101222N<br>S                                                                                                                                                                                                        | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | -                   |                     |
| <b>FCS-5052</b>     | v1.0.0.2                                                                                                                                                                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:               | 1. Motion Detection of MPEG4 is error.                                                                                                                                                                                 |                          |          |                |       |        |     |                |      |                     |                     |
| <b>FCS-5061</b>     | le20130117N<br>SA                                                                                                                                                                                                      | H264<br>MJPEG            | 1        | 2592x1944      | 1-way | 1/1    | -   | Yes            | Yes  | Yes+                |                     |
| <b>FCS-5062</b>     | v1.0.0.2                                                                                                                                                                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 2592x1944      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:               | 1. Motion Detection of MPEG4 is error.                                                                                                                                                                                 |                          |          |                |       |        |     |                |      |                     |                     |
| <b>FCS-6010</b>     | 1.0.0.11                                                                                                                                                                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1/0    | Yes | Yes            | Yes  | -                   |                     |
| Note:               | Not support DO in this camera FW.<br>Cannot get video stream through TCP/UDP sometimes, which belongs to camera issue.<br>Camera may reboot itself when changing video format to MPEG4, which belongs to camera issue. |                          |          |                |       |        |     |                |      |                     |                     |
| <b>FCS-7011</b>     |                                                                                                                                                                                                                        | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| <b>WCS-0010</b>     |                                                                                                                                                                                                                        | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -      | -   | -              | Yes  | -                   | Supported by design |
| <b>WCS-0020</b>     |                                                                                                                                                                                                                        | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -      | Yes | -              | Yes  | -                   | Supported by design |
| <b>WCS-0030</b>     | 1.0.0.35                                                                                                                                                                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | -      | -   | Yes            | Yes  | -                   |                     |
| <b>WCS-0040</b>     | 1.0.0.3                                                                                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | 1-way | -      | -   | -              | Yes  | -                   |                     |
| Note:               | Not support on-edge motion currently due to camera issue.                                                                                                                                                              |                          |          |                |       |        |     |                |      |                     |                     |
| <b>WCS-1090</b>     |                                                                                                                                                                                                                        | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 2/2    | -   | -              | Yes  | -                   | Supported by design |
| <b>WCS-2030V3.0</b> |                                                                                                                                                                                                                        | MPEG4                    | 1        | 720x576        | 1-way | -      | -   | Yes            | Yes  | -                   | Supported by design |
| <b>WCS-2040</b>     | 0101b                                                                                                                                                                                                                  | MPEG4<br>M-JPEG          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   |                     |

## LevelOne



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware | Video Format            | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-----------------|-----------------|-------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>WCS-2060</b> |                 | MPEG4                   | 1        | 720x576        | 1-way | -      | -   | Yes            | Yes  | -                   | Supported by design |
| <b>WCS-2070</b> | 0100b           | MPEG4 M-JPEG            | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   |                     |
| <b>WCS-6020</b> | 1.1.4.1         | MJPEG<br>MPEG4<br>H.264 | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>WCS-6050</b> | 1.0.4.2         | MJPEG<br>H.264          | 1        | 2560x1920      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |

## LG



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                    | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|----------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| LDW2010     | 260.0.0.1208100                                    | H.264 MJPEG  | 1        | D1             | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| LNB3100     | Refer to LND5100                                   | H.264 MJPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| LNB5100     | Refer to LND5100                                   | H.264 MJPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| LND3100     | Refer to LND5100                                   | H.264 MJPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| LND5100     | 1796.0.0.1208060                                   | H.264 MJPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| Note:       | TCP connection has chance disconnect automatically |              |          |                |       |        |     |                |      |                     |                     |
| LND7300     | 1801.0.0.1303220                                   | H.264 MJPEG  | 1        | 2048x1536      | *2    | *2     | -   | Yes            | -    | Yes*                |                     |
| LNP2800     | Refer to LNP3700T                                  | H.264 MJPEG  | 1        | D1             | 1-way | 4/2    | Yes | Yes            | -    | Yes*                |                     |
| LNP2800I    | Refer to LNP3700T                                  | H.264 MJPEG  | 1        | D1             | 1-way | 4/2    | Yes | Yes            | -    | Yes*                |                     |
| LNP2810T    | 1890.0.0.1302150                                   | H.264 MJPEG  | 1        | 1280x720       | *2    | *2     | Yes | Yes            | -    | Yes*                |                     |
| LNP3700     | Refer to LNP3700T                                  | H.264 MJPEG  | 1        | D1             | 1-way | 4/2    | Yes | Yes            | -    | Yes*                |                     |
| LNP3700T    | 1286.0.0.1205140                                   | H.264 MJPEG  | 1        | D1             | 1-way | 4/2    | Yes | Yes            | -    | Yes*                |                     |
| Note:       | TCP connection has chance disconnect automatically |              |          |                |       |        |     |                |      |                     |                     |
| LNU5100R    | 1954.0.0.1303120                                   | H.264 MJPEG  | 1        | 1280x1024      | *2    | *2     | -   | Yes            | -    | Yes*                |                     |
| LNV5100     | Refer to LND5100                                   | H.264 MJPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| LNV5100R    | 1972.0.0.1303110                                   | H.264 MJPEG  | 1        | 1280x1024      | *2    | *2     | -   | Yes            | -    | Yes*                |                     |
| LNV7300     | Refer to LND7300(FW 1801.0.0.1303220)              | H.264 MJPEG  | 1        | 2048x1536      | *2    | *2     | -   | Yes            | -    | Yes*                |                     |
| LSW2010     | Refer to LDW2010                                   | H.264 MJPEG  | 1        | D1             | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |
| LSW900      | Refer to LVW701                                    | H.264 MJPEG  | 1        | D1             | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |

## LG



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                                                | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|--------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| LSW901      | Refer to LVW701                                                                                                                | H.264 MJPEG  | 1        | D1             | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |
| LVS201      | 385.0.0.1208200                                                                                                                | H.264 MJPEG  | 1        | 704x576        | -     | -      | Yes | Yes            | -    | Yes*                |                     |
| LVS301      | Refer to LVS311                                                                                                                | H.264 MJPEG  | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| LVS311      | 129.1.0.1110260                                                                                                                | H.264 MJPEG  | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | -    | Yes*                |                     |
| LVW700      | Refer to LVW701                                                                                                                | H.264 MJPEG  | 1        | D1             | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |
| LVW701      | 4.1.1.1110260                                                                                                                  | H.264 MJPEG  | 1        | D1             | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| LVW900      | Refer to LVW701                                                                                                                | H.264 MJPEG  | 1        | D1             | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |
| LVW901      | Refer to LVW701                                                                                                                | H.264 MJPEG  | 1        | D1             | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |
| LVN5110     | Refer to LND5100                                                                                                               | H.264 MJPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| LW130W      | 4097.0.0.1203131                                                                                                               | H.264 MJPEG  | 1        | 1280x720       | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| Note:       | TCP connection has chance disconnect automatically                                                                             |              |          |                |       |        |     |                |      |                     |                     |
| LW332       | 1026.0.0.1110260                                                                                                               | H.264 MJPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | YES            | -    | Yes*                |                     |
| LW335 □     | Refer to LW332                                                                                                                 | H.264 MJPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| LW342       | Refer to LW345                                                                                                                 | H.264 MJPEG  | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| LW345       | 515.0.0.1110260                                                                                                                | H.264 MJPEG  | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| Note:       | 1. TCP connection has chance disconnect automatically<br>2. Can't support dual-stream at H264,1920x1080 (or above), over 20fps |              |          |                |       |        |     |                |      |                     |                     |
| LW352       | 1030.0.0.1111160                                                                                                               | H.264 MJPEG  | 1        | 2040x1536      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| LW355       | Refer to LW352                                                                                                                 | H.264 MJPEG  | 1        | 2040x1536      | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |
| LW6324      | Refer to LW332                                                                                                                 | H.264 MJPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |

## LG



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| LW6354      | Refer to LW332                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | H.264 MJPEG  | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| LW6424      | Refer to LW345                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | H.264 MJPEG  | 1        | 2040x1536      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| LW6454      | Refer to LW345                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | H.264 MJPEG  | 1        | 2040x1536      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                     |
| LW9226      | 774.0.0.1211289                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | H.264 MJPEG  | 1        | D1             | 1-way | 4/2    | Yes | Yes            | -    | Yes*                |                     |
| LW9226I     | Refer to LW9226                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | H.264 MJPEG  | 1        | D1             | 1-way | 4/2    | Yes | Yes            | -    | Yes*                | Supported by design |
| LW9228      | Refer to LW9226                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | H.264 MJPEG  | 1        | D1             | 1-way | 4/2    | Yes | Yes            | -    | Yes*                | Supported by design |
| LW9228I     | Refer to LW9226                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | H.264 MJPEG  | 1        | D1             | 1-way | 4/2    | Yes | Yes            | -    | Yes*                | Supported by design |
| LW9422      | 1632.0.0.1205030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | H.264 MJPEG  | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | -    | Yes*                |                     |
| Note:       | <p>For LW9422:</p> <ol style="list-style-type: none"> <li>1. PTZ will stop automatically when press button over 10sec.</li> <li>2. Focus Near / Far need setup the Focus mode in camera's OSD</li> <li>3. Adjust zoom speed is useless</li> <li>4. Can't support dual-stream at H264,1920x1080 (or above), over 20fps</li> </ol> <p>For LW9226 :</p> <ol style="list-style-type: none"> <li>1. PTZ will stop automatically when press button over 10sec.</li> <li>2. Focus Near / Far need setup the Focus mode in camera's OSD</li> <li>2. Audio out impedance is too large.</li> </ol> <p>For LVS201:</p> <ol style="list-style-type: none"> <li>1. QCIF has image noise at the bottom line.</li> </ol> |              |          |                |       |        |     |                |      |                     |                     |

## Lilin



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                            | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-------------|------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| IPD2220ES   | 1.0.489                                                                                                    | H.264 MJPEG  | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes*                |         |
| IPG1022ESX  | 1.0.489                                                                                                    | H.264 MJPEG  | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |
| IPG1022ES   | 1.0.489                                                                                                    | H.264 MJPEG  | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |
| IPR320ESX   | 1.0.489                                                                                                    | H.264 MJPEG  | 1        | 1920x1080      | -     | -      | -   | Yes            | Yes  | Yes*                |         |
| IPR434ESX   | 1.0.488                                                                                                    | H.264 MJPEG  | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |
| IPR7424ESX  | 1.0.489                                                                                                    | H.264 MJPEG  | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |
| Note:       | Video parameter does not synchronize to ONVIF option<br>IPR434ESX does not support dualstream on 2048x1536 |              |          |                |       |        |     |                |      |                     |         |

## Linksys



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                  | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-------------|--------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| PVC2300     | V1.1.0(xVC2300_FW_V1.1.0R05)                     | MPEG4 M-JPEG | 1        | 640x480        | 1-way | 2/2    | Yes | -              | Yes  | -                   |         |
| WVC210      |                                                  | MPEG4 M-JPEG | 1        | 640x480        | 1-way | -      | Yes | -              | Yes  | -                   |         |
| WVC2300     | V1.1.0(xVC2300_FW_V1.1.0R05)                     | MPEG4 M-JPEG | 1        | 640x480        | 1-way | 2/2    | Yes | -              | Yes  | -                   |         |
| Note:       | PTZ is only supported by external RS-485 device. |              |          |                |       |        |     |                |      |                     |         |

## Lumenera



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|-----------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| le045c      |                 | M-JPEG       | 1        | 720x480        | -     | -      | -   | -              | -    | -                   | Supported by design |
| le045c-dn   |                 | M-JPEG       | 1        | 720x480        | -     | -      | -   | -              | -    | -                   | Supported by design |
| le075c      |                 | M-JPEG       | 1        | 640x480        | -     | -      | -   | -              | -    | -                   | Supported by design |
| le075c-dn   |                 | M-JPEG       | 1        | 640x480        | -     | -      | -   | -              | -    | -                   | Supported by design |
| le11059c    |                 | M-JPEG       | 1        | 4000x2656      | -     | -      | -   | -              | -    | -                   | Supported by design |
| le165c      |                 | M-JPEG       | 1        | 1376x1032      | -     | -      | -   | -              | -    | -                   | Supported by design |
| le165c-dn   |                 | M-JPEG       | 1        | 1376x1032      | -     | -      | -   | -              | -    | -                   | Supported by design |
| le175c      |                 | M-JPEG       | 1        | 1280x1024      | -     | -      | -   | -              | -    | -                   | Supported by design |
| le175c-dn   |                 | M-JPEG       | 1        | 1280x1024      | -     | -      | -   | -              | -    | -                   | Supported by design |
| le259c      |                 | M-JPEG       | 1        | 1920x1080      | -     | -      | -   | -              | -    | -                   | Supported by design |
| le275c      |                 | M-JPEG       | 1        | 1600x1200      | -     | -      | -   | -              | -    | -                   |                     |
| le275c-dn   |                 | M-JPEG       | 1        | 1600x1200      | -     | -      | -   | -              | -    | -                   | Supported by design |
| le375c      |                 | M-JPEG       | 1        | 2048x1536      | -     | -      | -   | -              | -    | -                   | Supported by design |
| le375c-dn   |                 | M-JPEG       | 1        | 2048x1536      | -     | -      | -   | -              | -    | -                   | Supported by design |
| li165c      | 5626            | M-JPEG       | 1        | 1376x1032      | -     | -      | -   | -              | -    | -                   |                     |



## MegaIP



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                                                                                            | Tested Firmware      | Video Format    | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|--------------------------------------------------------------------------------------------------------|----------------------|-----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| <b>NCD-2003PR</b>                                                                                      | 51110.2.10<br>65.100 | H.264<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | Yes*                |         |
| Note: When set Anti-Flicker Mode to 50Hz, Mainconsole would get wrong Max of FPS(30). (Firmware issue) |                      |                 |          |                |       |        |     |                |      |                     |         |
| <b>NMX-2003P</b>                                                                                       | 51110.2.10<br>61.100 | H.264<br>M-JPEG | 1        | 1920x1080      | -     | -      | Yes | Yes            | -    | Yes*                |         |

## Messoa



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name       | Tested Firmware                                                                                                                                                                                                                                    | Video Format       | Video Ch | Max Resolution | Audio   | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|----------------|---------|--------|-----|----------------|------|---------------------|---------------------|
| <b>NCB855PRO</b>  | AP_01-00-60-25A MS03                                                                                                                                                                                                                               | H264, MJPEG, MPEG4 | 1        | 1920x1080      | 1-way   | 2/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>Note</b>       | 1.Set parameter will take 10 sec or more to setup<br>2.Get parameter may wrong after set parameter<br>3.Broken textures on connected in 1~4sec at MPEG4<br>4.Not support auto detection<br>5.Setup bit rate of MPEG4 will response wrong parameter |                    |          |                |         |        |     |                |      |                     |                     |
| <b>NCC800</b>     | AP_01-00-60-25B MS03                                                                                                                                                                                                                               | H264, MJPEG, MPEG4 | 1        | 1920x1080      | 1-way   | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>Note</b>       | 1.Set parameter will take 10 sec or more to setup<br>2.Get parameter may wrong after set parameter<br>3.Broken textures on connected in 1~4sec at MPEG4<br>4.Not support auto detection                                                            |                    |          |                |         |        |     |                |      |                     |                     |
| <b>NCR875PRO</b>  | AP_01-00-60-25A MS03                                                                                                                                                                                                                               | H264, MJPEG, MPEG4 | 1        | 1920x1080      | 1-way   | 2/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>Note</b>       | 1.Set parameter will take 10 sec or more to setup<br>2.Get parameter may wrong after set parameter<br>3.Broken textures on connected in 1~4sec at MPEG4<br>4.Not support auto detection<br>5.Setup bit rate of MPEG4 will response wrong parameter |                    |          |                |         |        |     |                |      |                     |                     |
| <b>NDR891</b>     | AP_01-00-60-25A MS02                                                                                                                                                                                                                               | H264, MJPEG, MPEG4 | 1        | 1920x1080      | 1-way   | 2/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>Note</b>       | 1.Set parameter will take 10 sec or more to setup<br>2.Get parameter may wrong after set parameter<br>3.Broken textures on connected in 1~4sec at MPEG4<br>4.Not support auto detection<br>5.Setup bit rate of MPEG4 will response wrong parameter |                    |          |                |         |        |     |                |      |                     |                     |
| <b>NIC950HPRO</b> | A1D-310-V4.12.09-NB                                                                                                                                                                                                                                | MPEG4 M-JPEG H.264 | 1        | 720x480        | 1-way*2 | -      | Yes | Yes            | -    | Yes*                |                     |
| <b>Note</b>       | 1.Not support UPnP<br>2.Not support auto detection<br>3.Not support motion detection on MJPEG<br>4.Not support DI and DO                                                                                                                           |                    |          |                |         |        |     |                |      |                     |                     |
| <b>NIC990</b>     | M.0.2.9                                                                                                                                                                                                                                            | H.264              | 1        | 1920x1080      | 1-way   | 6/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>Note</b>       | 1.Can't set framerate<br>2.Only support H.264<br>3.Not support dual stream on 1080P                                                                                                                                                                |                    |          |                |         |        |     |                |      |                     |                     |

## Milesight



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware                                                                                                                                       | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>MS-C2351</b> | Refer to MS-C2651(11.4.0.33)                                                                                                                          | H.264        | 1        | 1280x960       | 1-way | 1/0    | Yes | Yes            | -    | Yes                 | Supported by design |
| <b>MS-C2361</b> | Refer to MS-C2651(11.4.0.33)                                                                                                                          | H.264        | 1        | 1280x960       | 1-way | 1/0    | Yes | Yes            | -    | Yes                 | Supported by design |
| <b>MS-C2362</b> | Refer to MS-C2651(11.4.0.33)                                                                                                                          | H.264        | 1        | 1280x960       | 1-way | 1/0    | Yes | Yes            | -    | Yes                 | Supported by design |
| <b>MS-C2372</b> | Refer to MS-C2651(11.4.0.33)                                                                                                                          | H.264        | 1        | 1280x960       | 1-way | 1/0    | Yes | Yes            | -    | Yes                 | Supported by design |
| <b>MS-C2451</b> | Refer to MS-C2651(11.4.0.33)                                                                                                                          | H.264        | 1        | 1280x960       | 1-way | 1/0    | Yes | Yes            | -    | Yes                 | Supported by design |
| <b>MS-C2471</b> | Refer to MS-C2651(11.4.0.33)                                                                                                                          | H.264        | 1        | 1280x960       | 1-way | 1/0    | Yes | Yes            | -    | Yes                 | Supported by design |
| <b>MS-C2651</b> | 11.4.0.33                                                                                                                                             | H.264        | 1        | 1280x960       | 1-way | 1/0    | Yes | Yes            | -    | Yes                 |                     |
| Note            | 1.RateControl can't be use.<br>2.Motion and DI can't be trigger in the same time.<br>3.Send cgi commend will without response.<br>4.Not support UPnP. |              |          |                |       |        |     |                |      |                     |                     |
| <b>MS-C2661</b> | Refer to MS-C2651(11.4.0.33)                                                                                                                          | H.264        | 1        | 1280x960       | 1-way | 1/0    | Yes | Yes            | -    | Yes                 | Supported by design |
| <b>MS-C2662</b> | Refer to MS-C2651(11.4.0.33)                                                                                                                          | H.264        | 1        | 1280x960       | 1-way | 1/0    | Yes | Yes            | -    | Yes                 | Supported by design |
| <b>MS-C2671</b> | Refer to MS-C2651(11.4.0.33)                                                                                                                          | H.264        | 1        | 1280x960       | 1-way | 1/0    | Yes | Yes            | -    | Yes                 | Supported by design |
| <b>MS-C2672</b> | Refer to MS-C2651(11.4.0.33)                                                                                                                          | H.264        | 1        | 1280x960       | 1-way | 1/0    | Yes | Yes            | -    | Yes                 | Supported by design |
| <b>MS-C2681</b> | Refer to MS-C2651(11.4.0.33)                                                                                                                          | H.264        | 1        | 1280x960       | 1-way | 1/0    | Yes | Yes            | -    | Yes                 | Supported by design |

# Titan NVR Supported Camera List



DP v2.17\_release date\_2013.09

|                 |                                                                                                                                                       |       |   |           |       |     |     |     |   |     |                     |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---|-----------|-------|-----|-----|-----|---|-----|---------------------|
| <b>MS-C2682</b> | Refer to MS-C2651(11.4.0.33)                                                                                                                          | H.264 | 1 | 1280x960  | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C2951</b> | Refer to MS-C2651(11.4.0.33)                                                                                                                          | H.264 | 1 | 1280x960  | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C3351</b> | Refer to MS-C3651(21.4.0.33)                                                                                                                          | H.264 | 1 | 1920x1080 | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C3356</b> | Refer to MS-C3656(21.4.0.33)                                                                                                                          | H.264 | 1 | 2048x1536 | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C3361</b> | Refer to MS-C3651(21.4.0.33)                                                                                                                          | H.264 | 1 | 1920x1080 | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C3362</b> | Refer to MS-C3651(21.4.0.33)                                                                                                                          | H.264 | 1 | 1920x1080 | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C3366</b> | Refer to MS-C3656(21.4.0.33)                                                                                                                          | H.264 | 1 | 2048x1536 | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C3372</b> | Refer to MS-C3651(21.4.0.33)                                                                                                                          | H.264 | 1 | 1920x1080 | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C3376</b> | Refer to MS-C3656(21.4.0.33)                                                                                                                          | H.264 | 1 | 2048x1536 | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C3651</b> | 21.4.0.33                                                                                                                                             | H.264 | 1 | 1920x1080 | 1-way | 1/0 | Yes | Yes | - | Yes |                     |
| Note            | 1.RateControl can't be use.<br>2.DI can't trigger.<br>3.Send cgi commend will without response.<br>4. Not support UPnP.                               |       |   |           |       |     |     |     |   |     |                     |
| <b>MS-C3656</b> | 21.4.0.33                                                                                                                                             | H.264 | 1 | 2048x1536 | 1-way | 1/0 | Yes | Yes | - | Yes |                     |
| Note            | 1.RateControl can't be use.<br>2.Motion and DI can't be trigger in the same time.<br>3.Send cgi commend will without response.<br>4.Not support UPnP. |       |   |           |       |     |     |     |   |     |                     |
| <b>MS-C3658</b> | 21.4.0.33                                                                                                                                             | H.264 | 1 | 2560x1920 | 1-way | 1/0 | Yes | Yes | - | Yes |                     |

|                 |                                                                                                                                                                                                                                 |       |   |           |       |     |     |     |   |     |                     |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---|-----------|-------|-----|-----|-----|---|-----|---------------------|
| Note            | 1.RateControl can't be use.<br>2.Motion and DI can't be trigger in the same time.<br>3.Send cgi commend will without response.<br>4.Not support UPnP.<br>5.The frame rate value is wrong when resolution change from 2560x1920. |       |   |           |       |     |     |     |   |     |                     |
| <b>MS-C3661</b> | Refer to MS-C3651(21.4.0.33)                                                                                                                                                                                                    | H.264 | 1 | 1920x1080 | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C3662</b> | Refer to MS-C3651(21.4.0.33)                                                                                                                                                                                                    | H.264 | 1 | 1920x1080 | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C3666</b> | Refer to MS-C3656(21.4.0.33)                                                                                                                                                                                                    | H.264 | 1 | 2048x1536 | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C3671</b> | Refer to MS-C3651(21.4.0.33)                                                                                                                                                                                                    | H.264 | 1 | 1920x1080 | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C3672</b> | Refer to MS-C3651(21.4.0.33)                                                                                                                                                                                                    | H.264 | 1 | 1920x1080 | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C3673</b> | Refer to MS-C3651(21.4.0.33)                                                                                                                                                                                                    | H.264 | 1 | 1920x1080 | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C3676</b> | Refer to MS-C3656(21.4.0.33)                                                                                                                                                                                                    | H.264 | 1 | 2048x1536 | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C3678</b> | Refer to MS-C3658(21.4.0.33)                                                                                                                                                                                                    | H.264 | 1 | 2560x1920 | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C3681</b> | Refer to MS-C3651(21.4.0.33)                                                                                                                                                                                                    | H.264 | 1 | 1920x1080 | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |
| <b>MS-C3682</b> | Refer to MS-C3651(21.4.0.33)                                                                                                                                                                                                    | H.264 | 1 | 1920x1080 | 1-way | 1/0 | Yes | Yes | - | Yes | Supported by design |

## Mobotix



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                                                                        | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| D12D-IT     |                                                                                                                                                        | M-JPEG       | 1        | 640x480        | -     | -      | -   | Yes            | -    | Yes*                | Supported by design |
| D12D-Sec    |                                                                                                                                                        | M-JPEG       | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes*                | Supported by design |
| D14D-Sec    | MX-V4.1.0.2                                                                                                                                            | M-JPEG       | 1        | 2048x1536      | 1-way | -      | -   | -              | -    | Yes*                |                     |
| D22M-Basic  |                                                                                                                                                        | M-JPEG       | 1        | 640x480        | -     | -      | -   | Yes            | -    | Yes*                | Supported by design |
| D22M-IT     | MX-V3.4.0.9                                                                                                                                            | M-JPEG       | 1        | 640x480        | -     | 2/2    | -   | Yes            | -    | Yes*                | Supported by design |
| D22M-Sec    |                                                                                                                                                        | M-JPEG       | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes*                | Supported by design |
| D24-Basic   |                                                                                                                                                        | M-JPEG       | 1        | 640x480        | -     | -      | -   | Yes            | -    | Yes*                | Supported by design |
| D24-IT      |                                                                                                                                                        | M-JPEG       | 1        | 640x480        | -     | -      | -   | Yes            | -    | Yes*                | Supported by design |
| D24-Sec     | MX-V4.0.1.15 (2009-07-20)                                                                                                                              | M-JPEG       | 1        | 2048x1536      | -     | 2/2    | -   | Yes            | -    | Yes*                |                     |
| M10D        | M10-V2.2.2.17                                                                                                                                          | M-JPEG       | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes*                |                     |
| M12D-IT     |                                                                                                                                                        | M-JPEG       | 1        | 640x480        | -     | -      | -   | Yes            | -    | Yes*                | Supported by design |
| M12D-Sec    | MX-V3.4.0.9                                                                                                                                            | M-JPEG       | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes*                |                     |
| M12D-Web    |                                                                                                                                                        | M-JPEG       | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes*                | Supported by design |
| M22M-IT     |                                                                                                                                                        | M-JPEG       | 1        | 640x480        | -     | -      | -   | Yes            | -    | Yes*                | Supported by design |
| M22M-Sec    |                                                                                                                                                        | M-JPEG       | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes*                | Supported by design |
| M24M-Sec    | MX-V4.0.4.28                                                                                                                                           | M-JPEG       | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes*                |                     |
| Note:       | 1.Audio only support on MxPEG.<br>2.Motion event works abnormal until first time trigger.<br>3.Resolution of dual-stream can't bigger then main-stream |              |          |                |       |        |     |                |      |                     |                     |
| Q22M-Basic  |                                                                                                                                                        | M-JPEG       | 1        | 640x480        | -     | -      | -   | Yes            | -    | Yes*                | Supported by design |

## Mobotix



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name      | Tested Firmware                                                     | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|------------------|---------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>Q22M-Sec</b>  | MX-V3.4.5.10                                                        | M-JPEG       | 1        | 2048x1536      | -     | 2/2    | -   | Yes            | -    | Yes*                | Supported by design |
| Note:            | Q22M-Basic and Q22M-Sec are fisheye camera                          |              |          |                |       |        |     |                |      |                     |                     |
| <b>Q24-Basic</b> |                                                                     | M-JPEG       | 1        | 640x480        | -     | -      | -   | Yes            | -    | Yes*                | Supported by design |
| <b>Q24-Sec</b>   | MX-V4.0.1.7                                                         | M-JPEG       | 1        | 2048x1536      | -     |        | -   | Yes            | -    | Yes*                |                     |
| Note:            | Q24M-Basic and Q24M-Sec are fisheye camera                          |              |          |                |       |        |     |                |      |                     |                     |
| <b>T24-Sec</b>   | MX-V4.0.4.19                                                        | M-JPEG       | 1        | 2048x1536      | -     | 7/3    | -   | Yes            | -    | Yes*                |                     |
| Note:            | For display mode, please set on the Mobotix web setting page first. |              |          |                |       |        |     |                |      |                     |                     |

## NetworkCamera

### Network Camera

Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                                                                                                                    | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| 3MP_BOX     |                                                                                                                                                                                                    | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | 1-way | 2/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| 3MP_FD      |                                                                                                                                                                                                    | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | 1-way | 2/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| 3MP_IR      |                                                                                                                                                                                                    | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| 3MP_VD      |                                                                                                                                                                                                    | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | 1-way | 2/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| C3000       | v3.2.2.3                                                                                                                                                                                           | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | *1   | Yes*                |                     |
| C3000-W     | v3.2.2.3                                                                                                                                                                                           | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | *1   | Yes*                |                     |
| Note:       | 1. C3000, C3000-W Not support UPnP by camera FW issue.                                                                                                                                             |                          |          |                |       |        |     |                |      |                     |                     |
| GE-100-CB   | v1.0.0.15                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | -      | -   | -              | Yes  | Yes*                |                     |
| GP-100-CB   | v1.0.0.13                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | -      | -   | -              | Yes  | Yes*                |                     |
| WGE-100-CB  | v1.0.0.13                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | -      | -   | -              | Yes  | Yes*                |                     |
| WGP-100-CB  | v1.0.0.16                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | -      | -   | -              | Yes  | Yes*                |                     |
| Note:       | On-edge motion is only workable when stream 1 is MPEG4 with the bitrate under 1.5Mbps or quality under 3. We don't promise the performance of MD if the configuration isn't within the limitation. |                          |          |                |       |        |     |                |      |                     |                     |



## NTIC



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-------------|-----------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| HVS-D1-V3   | 1.00.09.5066    | H.264 M-JPEG | 1        | 720x576        | 1-way | 1      | 1   | 1              | Yes  | Yes*                |         |

Note: support video only

## On Electronics



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name    | Tested Firmware | Video Format           | Video Ch | Max Resolution | Audio   | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|----------------|-----------------|------------------------|----------|----------------|---------|--------|-----|----------------|------|---------------------|---------------------|
| CFB-13MP       |                 | H264<br>MJPEG<br>MPEG4 | 1        | 1280x1024      | 1-way*2 | 1/1    | -   | *2             | *2   | Yes*                | Supported by design |
| CFB-20MP       |                 | H264<br>MJPEG<br>MPEG4 | 1        | 1920x1080      | 1-way*2 | 1/1    | -   | *2             | *2   | Yes*                | Supported by design |
| CFB-30MP       |                 | H264<br>MJPEG<br>MPEG4 | 1        | 2048x1536      | 1-way*2 | 1/1    | -   | *2             | *2   | Yes*                | Supported by design |
| CFV-13MP/LIR35 |                 | H264<br>MJPEG<br>MPEG4 | 1        | 1280x1024      | 1-way*2 | 1/1    | -   | *2             | *2   | Yes*                | Supported by design |
| MDV-13MP/LIR20 |                 | H264<br>MJPEG<br>MPEG4 | 1        | 1280x1024      | 1-way*2 | 1/1    | -   | *2             | *2   | Yes*                | Supported by design |
| MDV-20MP-AV    |                 | H264<br>MJPEG<br>MPEG4 | 1        | 1920x1080      | 1-way*2 | 1/1    | -   | *2             | *2   | Yes*                | Supported by design |
| MDV-30MP       |                 | H264<br>MJPEG<br>MPEG4 | 1        | 2048x1536      | 1-way*2 | 1/1    | -   | *2             | *2   | Yes*                | Supported by design |

## ONVIF



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Brand | Device Name | Tested Firmware | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-------|-------------|-----------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| BOSCH | NWC-0455    | 19500410        | H.264 M-JPEG | 1        | 704x576        | -     | -      | -   | -              | -    | -                   |         |

Note: ONVIF specification must be fully implemented by camera vendors in order to be supported by NUUO software. To confirm the compatibility, it is recommended to execute testing prior to any further usage. The above product has been verified by NUUO.

## Panasonic



- : not available on camera  
 \*1: not available on software  
 \*2: not test on software

Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                    | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|--------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| BB-HCE481   |                                                                    | M-JPEG                   | 1        | 640x480        | 1-way | 2/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| BB-HCM100   | 1.3                                                                | M-JPEG                   | 1        | 640x480        | 1-way | 2/1    | -   | Yes            | Yes  | Yes*                |                     |
| BB-HCM110   | 1.3                                                                | M-JPEG                   | 1        | 640x480        | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                |                     |
| BB-HCM311   |                                                                    | M-JPEG                   | 1        | 640x480        | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| BB-HCM331   | 1.3                                                                | M-JPEG                   | 1        | 640x480        | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                |                     |
| BB-HCM371   |                                                                    | M-JPEG                   | 1        | 640x480        | 1-way | 2/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| BB-HCM381   | 1.3                                                                | M-JPEG                   | 1        | 640x480        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| BB-HCM403   |                                                                    | M-JPEG                   | 1        | 640x480        | 1-way | 2/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| BB-HCM511   | 1.3                                                                | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                |                     |
| BB-HCM515   | 3.11R01                                                            | MPEG4<br>M-JPEG          | 1        | 1280x1024      | 1-way | 2/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:       | No audio support in M-JPEG @ 1280x1024.                            |                          |          |                |       |        |     |                |      |                     |                     |
| BB-HCM527   |                                                                    | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 2/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| BB-HCM531   | 3.51R00                                                            | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 2/1    | -   | Yes            | Yes  | Yes*                |                     |
| BB-HCM547   | 3.60R00                                                            | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:       | The camera is tested by link, so some functions can't be verified. |                          |          |                |       |        |     |                |      |                     |                     |
| BB-HCM580   |                                                                    | MPEG4<br>M-JPEG          | 1        | 640x480        | -     | 2/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| BB-HCM581   | 1.3                                                                | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                |                     |
| BB-HCM701   | 4.30R00                                                            | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 1/0    | -   | Yes            | Yes  | Yes*                |                     |
| BB-HCM705   | 4.11R01                                                            | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | 1-way | 1/0    | -   | Yes            | Yes  | Yes*                |                     |

## Panasonic



- : not available on camera  
 \*1: not available on software  
 \*2: not test on software

Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

| Device Name      | Tested Firmware                                              | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|------------------|--------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>BB-HCM715</b> |                                                              | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>BB-HCM735</b> | 1.05-03<br>(100303-02)                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>BB-HCS301</b> |                                                              | M-JPEG                   | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>BB-ST162</b>  | refer to WV-ST162(FW 1 Application: 1.81 2 Image data: 1.04) | H264<br>MJPEG            | 1        | 800x600        | -     | 3/1    | Yes | Yes            | -    | Yes                 | Supported by design |
| <b>BB-SW172</b>  | refer to WV-ST162(FW 1 Application: 1.81 2 Image data: 1.04) | H264<br>MJPEG            | 1        | 800x600        | -     | 3/1    | Yes | Yes            | -    | Yes                 | Supported by design |
| <b>BL-C1</b>     |                                                              | M-JPEG                   | 1        | 640x480        | -     | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>BL-C10</b>    |                                                              | M-JPEG                   | 1        | 640x480        | -     | -      | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>BL-C101</b>   | 3.52R00                                                      | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/0    | -   | Yes            | Yes  | Yes*                |                     |
| <b>BL-C111</b>   | 3.10R01                                                      | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -      | Yes | Yes            | Yes  | Yes*                |                     |
| <b>BL-C121</b>   | 3.52R00                                                      | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>BL-C131</b>   |                                                              | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>BL-C140</b>   | 3.51R01                                                      | MPEG4<br>M-JPEG          | 1        | 640x480        | -     | -      | -   | Yes            | Yes  | Yes*                |                     |
| <b>BL-C160</b>   | 3.51R01                                                      | MPEG4<br>M-JPEG          | 1        | 640x480        | -     | -      | -   | Yes            | Yes  | Yes*                |                     |
| <b>BL-C20</b>    |                                                              | M-JPEG                   | 1        | 640x480        | -     | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>BL-C210</b>   | 4.31R00                                                      | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | -      | Yes | Yes            | Yes  | Yes*                |                     |
| <b>BL-C230</b>   |                                                              | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | -      | Yes | Yes            | Yes  | Yes*                | Supported by design |

## Panasonic



- : not available on camera  
 \*1: not available on software  
 \*2: not test on software

Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

| Device Name       | Tested Firmware                      | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------------|--------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>BL-C30</b>     |                                      | M-JPEG       | 1        | 640x480        | -     | -      | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>BL-VP101</b>   | Application: 1.67                    | H264 MJPEG   | 1        | 640x480        | -     | -      | -   | Yes            | -    | Yes                 |                     |
| <b>BL-VP104</b>   | Application: 1.67                    | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                 |                     |
| <b>BL-VP104W</b>  | refer BL-VP104(FW Application: 1.67) | H264 MJPEG   | 1        | 1280x720       | -     | -      | -   | Yes            | -    | Yes                 | Supported by design |
| <b>BL-VT164</b>   | Application: 1.81                    | H264 MJPEG   | 1        | 1280x720       | 1-way | -      | Yes | Yes            | -    | Yes                 |                     |
| <b>BL-VT164W</b>  | refer BL-VT164(FW Application: 1.81) | H264 MJPEG   | 1        | 1280x720       | 1-way | -      | Yes | Yes            | -    | Yes                 | Supported by design |
| <b>KX-HCM110</b>  |                                      | M-JPEG       | 1        | 640x480        | 1-way | 2/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>KX-HCM280A</b> |                                      | M-JPEG       | 1        | 640x480        | -     | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>DG-NF282</b>   |                                      | MPEG4 M-JPEG | 1        | 640x480        | 1-way | -      | -   | Yes            | -    | -                   | Supported by design |
| <b>DG-NF302</b>   | 1.5                                  | MPEG4 M-JPEG | 1        | 1280x960       | 1-way | -      | -   | Yes            | -    | -                   | Supported by design |
| <b>DG-NP240</b>   |                                      | MPEG4 M-JPEG | 1        | 640x480        | 1-way | -      | -   | Yes            | -    | -                   | Supported by design |
| <b>DG-NP244</b>   |                                      | MPEG4 M-JPEG | 1        | 640x480        | 1-way | -      | -   | Yes            | -    | Yes*                | Supported by design |
| <b>DG-NP304</b>   | 1.5                                  | MPEG4 M-JPEG | 1        | 1280x960       | 1-way | -      | -   | Yes            | -    | Yes*                | Supported by design |
| <b>DG-NS202</b>   |                                      | MPEG4 M-JPEG | 1        | 640x480        | 1-way | -      | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>DG-NS202A</b>  | 2.6                                  | MPEG4 M-JPEG | 1        | 640x480        | 1-way | -      | Yes | Yes            | -    | Yes*                |                     |
| <b>DG-NS950</b>   | 1.5                                  | MPEG4 M-JPEG | 1        | 640x480        | 1-way | -      | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>DG-NS954</b>   | 1.5                                  | MPEG4 M-JPEG | 1        | 640x480        | 1-way | -      | Yes | Yes            | -    | Yes*                | Supported by design |

## Panasonic



- : not available on camera  
 \*1: not available on software  
 \*2: not test on software

Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                            | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| DG-NW960    | 1.5                                                                                                        | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -      | Yes | Yes            | -    | Yes*                | Supported by design |
| DG-NW964    | 1.5                                                                                                        | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -      | Yes | Yes            | -    | Yes*                | Supported by design |
| DG-SF132    | Refer to WV-SP102(FW 1 Application: 1.81<br>2 Image data: 1.03)                                            | H.264<br>M-JPEG          | 1        | 640x480        | -     | -      | -   | Yes            | -    | Yes                 | Supported by design |
| DG-SF334    | 1.03<br>1.05                                                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | 1-way | -      | -   | Yes            | -    | Yes*                |                     |
| Note:       | Disable H.264 and MPEG4 will get MJPEG stream playing more smoothly.                                       |                          |          |                |       |        |     |                |      |                     |                     |
| DG-SP102    | Refer to WV-SP102(FW 1 Application: 1.81<br>2 Image data: 1.03)                                            | H.264<br>M-JPEG          | 1        | 640x480        | -     | -      | -   | Yes            | -    | Yes                 | Supported by design |
| DG-SW155    | Refer to WV-SW155/M                                                                                        | H.264<br>M-JPEG          | 1        | 1280x960       | 1-way | -      | -   | Yes            | -    | Yes*                | Supported by design |
| WJ-GXE500   | 1.03                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 4        | 720x480        | 1-way | -      | -   | Yes            | -    | Yes*                |                     |
| Note:       | Motion detection works abnormally when "face detection" function is enabled.<br>Not support PTZ currently. |                          |          |                |       |        |     |                |      |                     |                     |
| WJ-NT304    | 1.04                                                                                                       | M-JPEG                   | 4        | 640x480        | -     | -      | Yes | -              | -    | Yes*                |                     |
| WJ-NT314    |                                                                                                            | M-JPEG                   | 4        | 640x480        | 1-way | -      | Yes | -              | -    | Yes*                | Supported by design |
| WV-NF284    |                                                                                                            | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -      | -   | Yes            | -    | Yes*                | Supported by design |
| WV-NF302    | 1.40E4_1.06                                                                                                | MPEG4<br>M-JPEG          | 1        | 1280x960       | 1-way | -      | -   | Yes            | -    | Yes*                |                     |
| WV-NM100    |                                                                                                            | MPEG4<br>M-JPEG          | 1        | 640x480        | -     | -      | Yes | -              | -    | Yes*                | Supported by design |
| WV-NP1000   |                                                                                                            | M-JPEG                   | 1        | 1280x960       | 1-way | -      | -   | Yes            | -    | Yes*                | Supported by design |
| WV-NP1004   | 1.21                                                                                                       | M-JPEG                   | 1        | 1280x960       | 1-way | -      | -   | Yes            | -    | Yes*                |                     |

## Panasonic



- : not available on camera  
 \*1: not available on software  
 \*2: not test on software

Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

| Device Name      | Tested Firmware                                                              | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch  | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|------------------|------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|---------|-----|----------------|------|---------------------|---------------------|
| <b>WV-NP240</b>  |                                                                              | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -       | -   | Yes            | -    | Yes*                | Supported by design |
| <b>WV-NP244</b>  |                                                                              | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -       | -   | Yes            | -    | Yes*                | Supported by design |
| <b>WV-NP304</b>  | 1.50E5_1.06                                                                  | MPEG4<br>M-JPEG          | 1        | 1280x960       | 1-way | -       | -   | Yes            | -    | Yes*                |                     |
| <b>WV-NP472</b>  |                                                                              | M-JPEG                   | 1        | 640x480        | -     | -       | -   | Yes            | -    | Yes*                | Supported by design |
| <b>WV-NP502</b>  | 1.00                                                                         | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | 1-way | -       | -   | Yes            | -    | Yes*                |                     |
| <b>WV-NS202</b>  |                                                                              | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -       | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>WV-NS202A</b> | 2.6                                                                          | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -       | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>WV-NS324</b>  |                                                                              | M-JPEG                   | 1        | 640x480        | -     | -       | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>WV-NS950</b>  | 1.5                                                                          | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -       | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>WV-NS954</b>  | 1.06E0                                                                       | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -       | Yes | Yes            | -    | Yes*                |                     |
| Note:            | Audio is abnormal in MPEG4 format.                                           |                          |          |                |       |         |     |                |      |                     |                     |
| <b>WV-SC384</b>  | 1.46                                                                         | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | 1-way | 0~3/0~1 | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>WV-SC385</b>  | 1 Application:<br>1.66<br>2 Driver: 1.39<br>3 Image data:<br>1.09            | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | *2    | *2      | Yes | Yes            | -    | Yes*                |                     |
| <b>WV-SC386</b>  | 1 Application:<br>1.44<br>2 Driver: 1.12<br>3 Image data:<br>1.05            | M-JPEG<br>MPEG4<br>H.264 | 1        | 1280x960       | 1-way | 0~3/0~1 | Yes | Yes            | -    | Yes*                |                     |
| <b>WV-SF132</b>  | Refer to WV-<br>SP102(FW 1<br>Application:<br>1.81<br>2 Image data:<br>1.03) | H.264<br>M-JPEG          | 1        | 640x480        | -     | -       | -   | Yes            | -    | Yes                 | Supported by design |



## Panasonic



- : not available on camera  
 \*1: not available on software  
 \*2: not test on software

Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware                                                              | Video Format       | Video Ch | Max Resolution | Audio | I/O Ch  | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-----------------|------------------------------------------------------------------------------|--------------------|----------|----------------|-------|---------|-----|----------------|------|---------------------|---------------------|
| <b>WV-SF135</b> | Refer to WV-SW155/M                                                          | H.264 M-JPEG       | 1        | 1280x960       | 1-way | -       | -   | Yes            | -    | Yes*                | Supported by design |
| <b>WV-SF332</b> |                                                                              | H.264 MPEG4 M-JPEG | 1        | 1280x960       | 1-way | 0~1/0~1 | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>WV-SF335</b> |                                                                              | H.264 MPEG4 M-JPEG | 1        | 1280x960       | 1-way | 0~1/0~1 | Yes | Yes            | -    | Yes*                | Supported by design |
| Note:           | WV-SF355 include WV-SF335E                                                   |                    |          |                |       |         |     |                |      |                     |                     |
| <b>WV-SF336</b> | 1.05                                                                         | H.264 MPEG4 M-JPEG | 1        | 1280x960       | 1-way | -       | Yes | Yes            | -    | Yes*                |                     |
| Note:           | Motion detection works abnormally when "face detection" function is enabled. |                    |          |                |       |         |     |                |      |                     |                     |
| <b>WV-SF342</b> | Refer to WV-SF332                                                            | H.264 MPEG4 M-JPEG | 1        | 1280x960       | 1-way | -       | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>WV-SF346</b> | Refer to WV-SF336                                                            | H.264 MPEG4 M-JPEG | 1        | 1280x960       | 1-way | -       | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>WV-SF438</b> | 1 Application: 1.04<br>2 Image data:                                         | H264 MJPEG         | 1        | 2048x1536      | 1-way | 3/1     | -   | Yes            | -    | Yes                 |                     |
| Note:           | Fisheye camera                                                               |                    |          |                |       |         |     |                |      |                     |                     |
| <b>WV-SP102</b> | 1 Application: 1.81<br>2 Image data:                                         | H.264 M-JPEG       | 1        | 640x480        | -     | -       | -   | Yes            | -    | Yes                 | Tested by link      |
| <b>WV-SP105</b> | 1 Application: 1.61<br>2 Image data: 2.01                                    | H.264 M-JPEG       | 1        | 1280x960       | -     | -       | -   | Yes            | -    | Yes*                |                     |
| <b>WV-SP302</b> |                                                                              | H.264 MPEG4 M-JPEG | 1        | 1280x960       | 1-way | -       | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>WV-SP305</b> |                                                                              | H.264 MPEG4 M-JPEG | 1        | 1280x960       | 1-way | -       | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>WV-SP306</b> | 1.04                                                                         | H.264 MPEG4 M-JPEG | 1        | 1280x960       | 1-way | -       | Yes | Yes            | -    | Yes*                |                     |
| Note:           | Motion detection works abnormally when "face detection" function is enabled. |                    |          |                |       |         |     |                |      |                     |                     |
| <b>WV-SP508</b> | 1Application: 1.05<br>2 Image data: 2.05                                     | MJPEG H264         | 1        | 2048x1536      | -     | 0~1/0~1 | -   | Yes            | -    | Yes*                | Tested by link      |
| <b>WV-SP509</b> | 1Application: 1.07<br>2 Image data: 2.11                                     | MJPEG H264         | 1        | 2048x1536      | 1-way | 0~3/0~1 | -   | Yes            | -    | Yes*                |                     |

# Titan NVR Supported Camera List



DP v2.17\_release date\_2013.09

## Panasonic



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

| Device Name                           | Tested Firmware                                                      | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch  | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|---------------------------------------|----------------------------------------------------------------------|--------------------------|----------|----------------|-------|---------|-----|----------------|------|---------------------|---------------------|
| <b>WV-ST162</b>                       | 1 Application:<br>1.81<br>2 Image data:<br>1.04                      | H264<br>MJPEG            | 1        | 800x600        | -     | 3/1     | Yes | Yes            | -    | Yes                 | Tested by link      |
| <b>WV-ST165</b>                       | 1Application:<br>1.44<br>2 Image data:<br>1.03                       | MJPEG<br>H264            | 1        | 1280x960       | 1-way | 0~3/0~1 | Yes | Yes            | -    | Yes*                | Tested by link      |
| <b>WV-SW152</b>                       | Refer to<br>WV-SW155                                                 | H.264<br>M-JPEG          | 1        | 1280x960       | 1-way | -       | -   | Yes            | -    | Yes*                | Supported by design |
| <b>WV-SW155</b>                       | 1.03                                                                 | H.264<br>M-JPEG          | 1        | 1280x960       | 1-way | -       | -   | Yes            | -    | Yes*                |                     |
| <b>WV-SW172</b>                       | refer to WV-ST162(FW1 Application:<br>1.81<br>2 Image data:<br>1.04) | H264<br>MJPEG            | 1        | 800x600        | -     | 3/1     | Yes | Yes            | -    | Yes                 | Supported by design |
| <b>WV-SW174W</b>                      | Refer to ST165                                                       | MJPEG<br>H264            | 1        | 1280x960       | 1-way | 0~3/0~1 | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>WV-SW175</b>                       | Refer to ST165                                                       | MJPEG<br>H264            | 1        | 1280x960       | 1-way | 0~3/0~1 | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>WV-SW314</b>                       | Refer to<br>SW316/L                                                  | MJPEG<br>H264            | 1        | 1280x960       | -     | -       | -   | Yes            | -    | Yes*                | Supported by design |
| <b>WV-SW316/L</b>                     | 1Application:<br>1.46<br>2 Image data:<br>1.04                       | MJPEG<br>H264            | 1        | 1280x960       | 1-way | 0~1/0~1 | -   | Yes            | -    | Yes*                | Tested by link      |
| Note: WV-SW316/L include WV-SW316     |                                                                      |                          |          |                |       |         |     |                |      |                     |                     |
| <b>WV-SW352</b>                       | Refer to<br>WV-SW352                                                 | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | 1-way | -       | -   | Yes            | -    | Yes*                | Supported by design |
| <b>WV-SW355</b>                       | 1.41                                                                 | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | 1-way | 0~1/0~1 | -   | Yes            | -    | Yes*                |                     |
| <b>WV-SW395</b>                       |                                                                      | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | 1-way | -       | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>WV-SW396</b>                       | 1.44                                                                 | M-JPEG<br>MPEG4<br>H.264 | 1        | 1280x960       | 1-way | 0~3/0~1 | Yes | Yes            | -    | Yes*                |                     |
| Note: WV-SW396 support continuous PTZ |                                                                      |                          |          |                |       |         |     |                |      |                     |                     |
| <b>WV-SW558</b>                       | Refer to SP509                                                       | MJPEG<br>H264            | 1        | 2048x1536      | -     | 0~3/0~1 | -   | Yes            | -    | Yes*                | Supported by design |

## Panasonic



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

| Device Name      | Tested Firmware | Video Format       | Video Ch | Max Resolution | Audio | I/O Ch  | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|------------------|-----------------|--------------------|----------|----------------|-------|---------|-----|----------------|------|---------------------|---------------------|
| <b>WV-SW558</b>  | Refer to SP509  | MJPEG H264         | 1        | 2048x1536      | 1-way | 0~3/0~1 | -   | Yes            | -    | Yes*                | Supported by design |
| <b>WV-NW484</b>  | 1.10ED          | MPEG4 M-JPEG       | 1        | 640x480        | -     | -       | -   | Yes            | -    | Yes*                |                     |
| <b>WV-NW502S</b> | 1.00            | H.264 MPEG4 M-JPEG | 1        | 2048x1536      | 1-way | -       | -   | Yes            | -    | Yes*                |                     |
| <b>WV-NW960</b>  | 1.5             | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | -       | Yes | Yes            | -    | Yes*                | Supported by design |
| <b>WV-NW964</b>  |                 | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | -       | Yes | Yes            | -    | Yes*                | Supported by design |

## Pelco



by Schneider Electric

Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                              | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-------------|------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| D5118       | Software Version : 1.6.13.9310-A1.4657<br>Hardware Version : 9310-A1.1-10345 | H264<br>JPEG | 1        | 1280x960       | -     | -      | Yes | -              | -    | Yes*                |         |
| Note:       | Do not support to "clear all" preset points.                                 |              |          |                |       |        |     |                |      |                     |         |

## PiXORD



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name   | Tested Firmware                                                                                                                                                                                                                                                                                                                            | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| <b>P600</b>   | 2.0.3_225                                                                                                                                                                                                                                                                                                                                  | H264 M-JPEG  | 1        | 1600x1200      | 1-way | 2/1    | -   | -              | Yes  | -                   |         |
| <b>P606</b>   | 2.0.3_225                                                                                                                                                                                                                                                                                                                                  | H264 M-JPEG  | 1        | 1600x1200      | 1-way | -      | -   | -              | Yes  | -                   |         |
| <b>PB630</b>  | 2.0.3_225                                                                                                                                                                                                                                                                                                                                  | H264 M-JPEG  | 1        | 640x480        | 1-way | -      | -   | -              | Yes  | -                   |         |
| <b>PD634</b>  | 2.0.3_225                                                                                                                                                                                                                                                                                                                                  | H264 M-JPEG  | 1        | 640x480        | 1-way | -      | -   | -              | Yes  | -                   |         |
| <b>PD636</b>  | 2.0.0_1                                                                                                                                                                                                                                                                                                                                    | H.264        | 1        | 1600x1200      | -     | -      | -   | -              | Yes  | -                   |         |
| Note:         | Limited integration: camera supports video stream of H.264/1600x1200/15fps only, no other features                                                                                                                                                                                                                                         |              |          |                |       |        |     |                |      |                     |         |
| <b>PL621</b>  | 2.0.3_225                                                                                                                                                                                                                                                                                                                                  | H264 M-JPEG  | 1        | 1600x1200      | 1-way | 1/1    | -   | -              | Yes  | -                   |         |
| <b>PV6901</b> | 2.0.3_225                                                                                                                                                                                                                                                                                                                                  | H264 M-JPEG  | 1        | 720x480        | 1-way | 1/1    | Yes | -              | Yes  | -                   |         |
| Note:         | Focus function doesn't work properly in FW v2.5, which will be fixed in next version.                                                                                                                                                                                                                                                      |              |          |                |       |        |     |                |      |                     |         |
| Note:         | All models: Image is broken easily when modifying camera parameter.<br>All models: Remove motion detection function because camera FW is not ready for it.<br>All models: Camera is easily disconnected as two M-JPEG stream existed, so dual stream function is disabled. However, the issue is remained if connecting same camera twice. |              |          |                |       |        |     |                |      |                     |         |

## Planet



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware                                                                                                           | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-----------------|---------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| ICA-H652-PA-220 | i20121107ANS                                                                                                              | H.264 MJPEG  | 1        | 720*576        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |         |
| Note:           | ICA-H652-PA-220 FW issue:<br>Camera response is slow.<br>IO triggle time will delay about 3 secs<br>Audio has some noise. |              |          |                |       |        |     |                |      |                     |         |

## Probe



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name      | Tested Firmware                                                                                                                                   | Video Format | Video Ch | Max Resolution    | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | ONVIF Search | Dual Stream Support | Remarks |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|-------------------|-------|--------|-----|----------------|------|--------------|---------------------|---------|
| <b>PIC-H2010</b> | v1.0.4_20121029                                                                                                                                   | H.264        | 1        | 1920x1080         | 1-way | 1/1    | -   | Yes            | -    | -            | Yes*                |         |
| <b>PID-H1300</b> | v1.0.1_20121005                                                                                                                                   | H.264        | 1        | 1280x720          | 1-way | 1/1    | -   | Yes            | -    | -            | Yes*                |         |
| <b>PIN-H1310</b> | v1.0.1_20121005                                                                                                                                   | H264         | 1        | 1280x720          | 1-way | 1/1    | -   | Yes            | -    | -            | Yes*                |         |
| <b>PMI-H2000</b> | v1.0.2_20120906                                                                                                                                   | H264         | 1        | 1920x1080 (1080i) | 1-way | 2/1    | Yes | Yes            | -    | -            | Yes*                |         |
| Note:            | Implement with ONVIF protocol v1.02.                                                                                                              |              |          |                   |       |        |     |                |      |              |                     |         |
| Note:            | Due to the limitation of ONVIF protocol, ONVIF search works only as cameras keep default administrator name and password.                         |              |          |                   |       |        |     |                |      |              |                     |         |
| Note:            | Due to camera FW issue, users have to go to camera web for configuring resolution to 1080i. Currently, users might get error message on NVR side. |              |          |                   |       |        |     |                |      |              |                     |         |
| Note:            | PS. Current Probe FW no support Video Parameter Setting                                                                                           |              |          |                   |       |        |     |                |      |              |                     |         |

## Rover



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware            | Video Format       | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|----------------------------|--------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| RV01AD      |                            | H264 M-JPEG        | 1        | D1             | 1-way | 2/2    | Yes | Yes            | -    | Yes*                | Supported by design |
| RV01AT      |                            | H264 M-JPEG        | 1        | D1             | 1-way | 2/2    | Yes | Yes            | -    | Yes*                | Supported by design |
| RV04AD      |                            | H264 M-JPEG        | 1        | D1             | 1-way | 4/4    | Yes | Yes            | -    | Yes*                | Supported by design |
| RV1WAD/P    | V1.0.30_RO                 | H264 M-JPEG        | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| RV1WAG      |                            | H264 M-JPEG        | 1        | D1             | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |
| RV19BMVP    | Refer to FORENIX NPB-720BM | H.264 M-JPEG MPEG4 | 1        | 1280x800       | -     | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| RV19BMVIR   | Refer to FORENIX NPB-720BM | H.264 M-JPEG MPEG4 | 1        | 1280x800       | -     | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| RV79AD      |                            | H264 M-JPEG        | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |
| RV7RAD      |                            | H264 M-JPEG        | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |
| RV7RAG      |                            | H264 M-JPEG        | 1        | D1             | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |
| RV81AD      |                            | H264 M-JPEG        | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |
| RV81AG      |                            | H264 M-JPEG        | 1        | D1             | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Supported by design |
| RV84AM      |                            | H264 M-JPEG        | 1        | 1280x1024      | 1-way | -      | -   | Yes            | -    | Yes*                | Supported by design |
| RV84AV      |                            | H264 M-JPEG        | 1        | 640x480        | 1-way | -      | -   | Yes            | -    | Yes*                | Supported by design |
| RV87ZA      |                            | H264 M-JPEG        | 1        | D1             | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |



## Saerim



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware      | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-----------------|----------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| SR-IDC4050F     | XNET.M1-3.00.13.0204 | M-JPEG H.264 | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| SR-IDC4050IR    | XNET.M1-3.00.13.0204 | M-JPEG H.264 | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| SR-IDC4050VF    | XNET.M1-3.00.13.0204 | M-JPEG H.264 | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| SR-IDC4050VR    | XNET.M1-3.00.13.0204 | M-JPEG H.264 | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| SR-IDP4030VR    | XNET.M2-3.00.13.0204 | H.264        | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| SR-IGC2050F□    | XNET.M1-3.00.13.0204 | M-JPEG H.264 | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| SR-IGP2035F□    | XNET.M2-3.00.13.0204 | H.264        | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| SR-ISS4032Z2 8W | XNET.M2-3.00.13.0204 | H.264        | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| SR-IVC5055VR    | XNET.M1-3.00.13.0204 | M-JPEG H.264 | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| SR-IVP4030VR    | XNET.M2-3.00.13.0204 | H.264        | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| SR-IXC2050IR    | XNET.M1-3.00.13.0204 | M-JPEG H.264 | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| SR-IXP3035VR    | XNET.M2-3.00.13.0204 | H.264        | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| SR-NDE5055MR    | XNET.N1-1.02.13.0204 | H.264        | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| SR-NDE5055VR    | XNET.N1-1.02.13.0204 | H.264        | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| SR-NGE2055F□    | XNET.N1-1.02.13.0204 | H.264        | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| SR-NVE5055MF    | XNET.N1-1.02.13.0204 | H.264        | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| SR-NVE5055VR    | XNET.N1-1.02.13.0204 | H.264        | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| SR-NXE3055MR    | XNET.N1-1.02.13.0204 | H.264        | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |

## Saerim



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

| Device Name  | Tested Firmware      | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------|----------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| SR-NXE3055VR | XNET.N1-1.02.13.0204 | H.264        | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |

Note:

For SR-IGC2050F, SR-IDC4050F, SR-IDC4050IR, SR-IDC4050VF, SR-IDC4050VR, SR-IVC5055VR and SR-IXC2050IR:  
 1. Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue.  
 2. When it selects MJPEG, 1fps, the actually received fps is 6.  
 For SR-IGP2035F, SR-IDP4030VR, SR-ISS4032Z28W, SR-IVP4030VR, and SR-IXP3035VR:  
 Cannot set bitrate 128kbps when the resolution is D1 or VGA. It is firmware issue.  
 For SR-NGE2055F, SR-NDE5055MF, SR-NDE5055VR, SR-NVE5055MF, SR-NVE5055VR, SR-NXE3055MR, and SR-NXE3055VR:  
 1. Video connection cannot establish when the setting of bitrate is 9M or 10M.

## Samsung

| <div>  <div>                     Dual stream support Yes*: support JPEG format<br/>                     Dual stream support Yes: support H.264 format                 </div> </div> |                                                                                                                                |                          |          |                               |       |        |     |                |                    |                     |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|-------------------------------|-------|--------|-----|----------------|--------------------|---------------------|---------------------|
| Device Name                                                                                                                                                                                                                                                         | Tested Firmware                                                                                                                | Video Format             | Video Ch | Max Resolution                | Audio | I/O Ch | PTZ | On-Edge Motion | Camera Search Tool | Dual Stream Support | Remarks             |
| <b>SNB-1000</b>                                                                                                                                                                                                                                                     | v1.07_110407                                                                                                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480                       | 1-way | 1/1    | -   | Yes            | -                  | Yes*                |                     |
| Note:                                                                                                                                                                                                                                                               | This is POE camera, but the device is unstable without AC power connection. We suggest connecting with AC power.               |                          |          |                               |       |        |     |                |                    |                     |                     |
| Note:                                                                                                                                                                                                                                                               | I/O and MD is unstable, which is a known issue reported by Samsung. They won't do any change since the camera is discontinued. |                          |          |                               |       |        |     |                |                    |                     |                     |
| <b>SNB-1001</b>                                                                                                                                                                                                                                                     | 1.00_111226                                                                                                                    | H.264<br>M-JPEG          | 1        | 640x480                       | 1-way | 1/0    | -   | Yes            | -                  | Yes*                | Test by link        |
| <b>SNB-2000</b>                                                                                                                                                                                                                                                     |                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576                       | -     | 2/2    | -   | -              | -                  | -                   | Supported by design |
| <b>SNB-3000</b>                                                                                                                                                                                                                                                     |                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576                       | 1-way | 2/2    | -   | -              | -                  | -                   | Supported by design |
| <b>SNB-3002</b>                                                                                                                                                                                                                                                     | refer to SND-3082/F (FW 2.10_130416)                                                                                           | H.264<br>MPEG4<br>M-JPEG | 1        | 704x576(PAL)<br>704x480(NTSC) | 1-way | 1/1    | -   | Yes            | Yes                | yes                 | Supported by design |
| <b>SNB-5000</b>                                                                                                                                                                                                                                                     | v1.33_110218                                                                                                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024                     | 1-way | 1/1    | -   | Yes            | -                  | Yes*                |                     |
| <b>SNB-5000A</b>                                                                                                                                                                                                                                                    | refer to SND5080 (FW 3.10_130416)                                                                                              | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024                     | 1-way | 1/1    | -   | Yes            | Yes                | -                   | Supported by design |
| <b>SNB-5001</b>                                                                                                                                                                                                                                                     | 1.00_120521                                                                                                                    | H.264<br>M-JPEG          | 1        | 1280x1024                     | -     | 1/0    | -   | Yes            | -                  | Yes*                |                     |
| <b>SNB-6003</b>                                                                                                                                                                                                                                                     | refer to SND-6083(FW 1.00_130412)                                                                                              | H264<br>MJPEG            | 1        | 1920x1080                     | 1-way | 1/1    | -   | Yes            | Yes                | Yes                 | Supported by design |
| <b>SNB-6004</b>                                                                                                                                                                                                                                                     | refer to SND-6083 (FW 1.00_130412)                                                                                             | H264<br>MJPEG            | 1        | 1920x1080                     | 1-way | 1/1    | -   | Yes            | Yes                | Yes                 | Supported by design |
| <b>SNB-7000</b>                                                                                                                                                                                                                                                     | Refer to SND-7080                                                                                                              | H.264<br>M-JPEG          | 1        | 2048x1536                     | 1-way | 1/1    | -   | Yes            | -                  | Yes*                | Supported by design |
| <b>SNB-7001</b>                                                                                                                                                                                                                                                     | Refer to SND-7011                                                                                                              | H.264<br>M-JPEG          | 1        | 2048x1536                     | -     | 1/0    | -   | Yes            | -                  | Yes*                | Supported by design |
| <b>SNB-7002</b>                                                                                                                                                                                                                                                     | 1.06_130402                                                                                                                    | H.264<br>M-JPEG          | 1        | 2048x1536                     | 1-way | 1/1    | -   | Yes            | Yes                | Yes                 |                     |
| note:                                                                                                                                                                                                                                                               | Sometimes can't get correct UI setting because camera response time too long.                                                  |                          |          |                               |       |        |     |                |                    |                     |                     |

## Samsung

| <div>  <div>                     Dual stream support Yes*: support JPEG format<br/>                     Dual stream support Yes: support H.264 format                 </div> </div> |                                                                                                                                |                          |          |                               |       |        |     |                |                    |                     |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|-------------------------------|-------|--------|-----|----------------|--------------------|---------------------|---------------------|
| Device Name                                                                                                                                                                                                                                                         | Tested Firmware                                                                                                                | Video Format             | Video Ch | Max Resolution                | Audio | I/O Ch | PTZ | On-Edge Motion | Camera Search Tool | Dual Stream Support | Remarks             |
| <b>SNC-B2315</b>                                                                                                                                                                                                                                                    | 2.01                                                                                                                           | MPEG4<br>M-JPEG          | 1        | 720x576                       | 1-way | 2/2    | -   | Yes            | -                  | -                   |                     |
| <b>SNC-B2331</b>                                                                                                                                                                                                                                                    | v1.00_090810                                                                                                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576                       | -     | 2/2    | -   | Yes            | -                  | -                   |                     |
| <b>SNC-B2335</b>                                                                                                                                                                                                                                                    | v1.10_100129                                                                                                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576                       | 1-way | 2/2    | -   | Yes            | -                  | -                   |                     |
| <b>SNC-B5368</b>                                                                                                                                                                                                                                                    | v1.00_091001                                                                                                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576                       | -     | 2/2    | -   | Yes            | -                  | -                   |                     |
| <b>SNC-B5395</b>                                                                                                                                                                                                                                                    | 2.10                                                                                                                           | MPEG4<br>M-JPEG          | 1        | 720x576                       | 1-way | 2/2    | -   | Yes            | -                  | -                   |                     |
| <b>SNC-B5399</b>                                                                                                                                                                                                                                                    | v1.10_091120                                                                                                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576                       | 1-way | 2/2    | -   | Yes            | -                  | -                   |                     |
| <b>SNC-C6225</b>                                                                                                                                                                                                                                                    | 1.01                                                                                                                           | MPEG4<br>M-JPEG          | 1        | 720x576                       | 1-way | 2/1    | Yes | Yes            | -                  | -                   |                     |
| <b>SNC-C7225</b>                                                                                                                                                                                                                                                    | 1.01                                                                                                                           | MPEG4<br>M-JPEG          | 1        | 720x576                       | 1-way | 2/1    | Yes | Yes            | -                  | -                   | Supported by design |
| <b>SNC-C7478</b>                                                                                                                                                                                                                                                    | v1.01_090625                                                                                                                   | MPEG4<br>M-JPEG          | 1        | 720x576                       | 1-way | 8/4    | Yes | Yes            | -                  | -                   |                     |
| <b>SNC-M300</b>                                                                                                                                                                                                                                                     | v2.11_090729                                                                                                                   | MPEG4<br>M-JPEG          | 1        | 2048x1536                     | 1-way | 2/2    | -   | Yes            | -                  | -                   |                     |
| <b>SND-1010</b>                                                                                                                                                                                                                                                     | v1.07_110407                                                                                                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480                       | -     | 1/1    | -   | Yes            | -                  | Yes*                |                     |
| Note:                                                                                                                                                                                                                                                               | This is POE camera, but the device is unstable without AC power connection. We suggest connecting with AC power.               |                          |          |                               |       |        |     |                |                    |                     |                     |
| Note:                                                                                                                                                                                                                                                               | I/O and MD is unstable, which is a known issue reported by Samsung. They won't do any change since the camera is discontinued. |                          |          |                               |       |        |     |                |                    |                     |                     |
| <b>SND-1011</b>                                                                                                                                                                                                                                                     | 1.00_111226                                                                                                                    | H.264<br>M-JPEG          | 1        | 640x480                       | -     | 1/0    | -   | Yes            | -                  | Yes*                | Test by link        |
| <b>SND-1080</b>                                                                                                                                                                                                                                                     | 1.00_111226                                                                                                                    | H.264<br>M-JPEG          | 1        | 640x480                       | 1-way | 1/0    | -   | Yes            | -                  | Yes*                | Test by link        |
| <b>SND-3080</b>                                                                                                                                                                                                                                                     |                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576                       | -     | 2/2    | -   | -              | -                  | -                   | Supported by design |
| <b>SND-3082/F</b>                                                                                                                                                                                                                                                   | 2.10_130416                                                                                                                    | H.264<br>MPEG4<br>M-JPEG | 1        | 704x576(PAL)<br>704x480(NTSC) | 1-way | 1/1    | -   | Yes            | Yes                | Yes                 |                     |
| <b>SND-5010</b>                                                                                                                                                                                                                                                     | 1.00_120626                                                                                                                    | H.264<br>M-JPEG          | 1        | 1280*1024                     | -     | 0/0    | -   | Yes            | -                  | Yes*                |                     |

## Samsung

|     |                                 | Dual stream support Yes*: support JPEG format<br>Dual stream support Yes: support H.264 format |          |                |       |        |     |                |                    |                     |                     |
|-------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------|----------|----------------|-------|--------|-----|----------------|--------------------|---------------------|---------------------|
| Device Name                                                                         | Tested Firmware                 | Video Format                                                                                   | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | Camera Search Tool | Dual Stream Support | Remarks             |
| <b>SND-5011</b>                                                                     | 1.00_120521                     | H.264 M-JPEG                                                                                   | 1        | 1280x1024      | -     | 1/0    | -   | Yes            | -                  | Yes*                |                     |
| <b>SND-5061</b>                                                                     | 1.00_120521                     | H.264 M-JPEG                                                                                   | 1        | 1280x1024      | -     | 1/0    | -   | Yes            | -                  | Yes*                |                     |
| <b>SND-5080</b>                                                                     | 3.10_130416                     | H.264 MPEG4 M-JPEG                                                                             | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes                | Yes                 |                     |
| <b>SND-6083</b>                                                                     | 1.00_130412                     | H264 MJPEG                                                                                     | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes                | Yes                 |                     |
| <b>SND-6084</b>                                                                     | 1.00_130316 refer to SND-6083   | H264 MJPEG                                                                                     | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes                | Yes*                | Supported by design |
| <b>SND-7011</b>                                                                     | 1.00_120601                     | H.264 M-JPEG                                                                                   | 1        | 2048x1536      | -     | 1/0    | -   | Yes            | -                  | Yes*                |                     |
| Note: Sometimes can't get correct UI setting because camera response time too long. |                                 |                                                                                                |          |                |       |        |     |                |                    |                     |                     |
| <b>SND-7061</b>                                                                     | Refer to SND-7011               | H.264 M-JPEG                                                                                   | 1        | 2048x1536      | -     | 1/1    | -   | Yes            | -                  | Yes*                | Supported by design |
| <b>SND-7080</b>                                                                     | v1.10_110819                    | H.264 M-JPEG                                                                                   | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | -                  | Yes*                |                     |
| <b>SND-7082</b>                                                                     | 1.00_120824                     | H.264 M-JPEG                                                                                   | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            |                    | Yes                 |                     |
| <b>SND-7082/F</b>                                                                   | refer to SNB-7002 (1.06_130402) | H.264 M-JPEG                                                                                   | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes                | Yes                 |                     |
| Note: Sometimes can't get correct UI setting because camera response time too long. |                                 |                                                                                                |          |                |       |        |     |                |                    |                     |                     |
| <b>SNO-1080R</b>                                                                    | 1.00_120125                     | H.264 M-JPEG                                                                                   | 1        | 640x480        | -     | 1/0    | -   | Yes            | -                  | Yes*                | Test by link        |
| <b>SNO-5080R</b>                                                                    | 3.10_130416                     | H.264 MPEG4 M-JPEG                                                                             | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes                | Yes                 |                     |
| <b>SNO-6084</b>                                                                     | refer to SND-6083(1.00_130412)  | H264 MJPEG                                                                                     | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes                | Yes                 | Supported by design |
| <b>SNO-7080R</b>                                                                    | S/W : 1.00_110720<br>ISP : 0.50 | H.264 MPEG4 M-JPEG                                                                             | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | -                  | Yes*                | Test by link        |
| <b>SNO-7082R</b>                                                                    | refer to SNB-7002 (1.06_130402) | H.264 M-JPEG                                                                                   | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes                | Yes                 | Supported by design |
| <b>SNP-3120V</b>                                                                    | v1.24_110816                    | H.264 MPEG4 M-JPEG                                                                             | 1        | 704x480        | 1-way | 2/2    | Yes | Yes            | -                  | Yes*                |                     |
| Note: It takes a while to stop after users click stop patrol button.                |                                 |                                                                                                |          |                |       |        |     |                |                    |                     |                     |

## Samsung

|  |                                                                                                                                                                                                                                                                                                                                                                                           | Dual stream support Yes*: support JPEG format<br>Dual stream support Yes: support H.264 format |          |                |       |        |     |                |                    |                     |                     |
|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------|----------------|-------|--------|-----|----------------|--------------------|---------------------|---------------------|
| Device Name                                                                      | Tested Firmware                                                                                                                                                                                                                                                                                                                                                                           | Video Format                                                                                   | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | Camera Search Tool | Dual Stream Support | Remarks             |
| <b>SNP-3301</b>                                                                  | v1.21_110310                                                                                                                                                                                                                                                                                                                                                                              | H.264<br>MPEG4<br>M-JPEG                                                                       | 1        | 704x480        | 1-way | 4/2    | Yes | Yes            | -                  | Yes*                |                     |
| <b>SNP-3302/H</b>                                                                | Refer to SNP-3371/H/TH                                                                                                                                                                                                                                                                                                                                                                    | H.264<br>MPEG4<br>M-JPEG                                                                       | 1        | 704x480        | 1-way | 4/2    | Yes | Yes            | -                  | Yes*                | Supported by design |
| <b>SNP-3370</b>                                                                  | v1.21_110310                                                                                                                                                                                                                                                                                                                                                                              | H.264<br>MPEG4<br>M-JPEG                                                                       | 1        | 704x480        | 1-way | 4/2    | Yes | Yes            | -                  | Yes*                |                     |
| Note:                                                                            | SNP-3301/SNP-3370: not support QCIF resolution with H.264 through TCP.                                                                                                                                                                                                                                                                                                                    |                                                                                                |          |                |       |        |     |                |                    |                     |                     |
| <b>SNP-3371/H/TH</b>                                                             | S/W : 1.01_111104<br>ISP : 1.28                                                                                                                                                                                                                                                                                                                                                           | H.264<br>MPEG4<br>M-JPEG                                                                       | 1        | 704x480        | 1-way | 4/2    | Yes | Yes            | -                  | Yes*                | Test by link        |
| <b>SNP-3430H</b>                                                                 | v1.10_110818                                                                                                                                                                                                                                                                                                                                                                              | H.264<br>MPEG4<br>M-JPEG                                                                       | 1        | 704x480        | 1-way | 8/4    | Yes | Yes            | -                  | Yes*                |                     |
| Note:                                                                            | This is POE camera, but the device is unstable without AC power connection. We suggest connecting with AC power.                                                                                                                                                                                                                                                                          |                                                                                                |          |                |       |        |     |                |                    |                     |                     |
| Note:                                                                            | There is a camera FW issue that we cannot get VBR/CBR info to show quality or bit rate correctly. Please upgrade to FW 1.11_111103 to fix it.                                                                                                                                                                                                                                             |                                                                                                |          |                |       |        |     |                |                    |                     |                     |
| Note:                                                                            | Voice cracks in the video exported with ASF format, while the audio of video file is correctly recorded actually. Please choose to export with AVI format.                                                                                                                                                                                                                                |                                                                                                |          |                |       |        |     |                |                    |                     |                     |
| Note:                                                                            | Not support Area Zoom due to protocol limitation.                                                                                                                                                                                                                                                                                                                                         |                                                                                                |          |                |       |        |     |                |                    |                     |                     |
| Note:                                                                            | The speed selections of PTZ and focus in LiveView is not synchronized with camera web due to protocol limitation.                                                                                                                                                                                                                                                                         |                                                                                                |          |                |       |        |     |                |                    |                     |                     |
| <b>SNP-5200H</b>                                                                 | v1.02_110603                                                                                                                                                                                                                                                                                                                                                                              | H.264<br>MPEG4<br>M-JPEG                                                                       | 1        | 1280x1024      | 1-way | 4/2    | -   | Yes            | -                  | Yes*                |                     |
| Note:                                                                            | 1. SNP-5200H is compatible with SNP-5200<br>2. Voice cracks in the video exported with ASF format, while the audio of video file is correctly recorded actually. Please choose to export with AVI format.<br>3. Not support Area Zoom due to protocol limitation.<br>4. The speed selections of PTZ and focus in LiveView is not synchronized with camera web due to protocol limitation. |                                                                                                |          |                |       |        |     |                |                    |                     |                     |
| <b>SNP-5300</b>                                                                  | 1.10_130523                                                                                                                                                                                                                                                                                                                                                                               | H.264<br>M-JPEG                                                                                | 1        | 1280x1024      | *2    | *2     | Yes | Yes            | Yes                | Yes                 |                     |
| Note:                                                                            | When main stream is MJPEG, dual stream will be H264. When main stream is H264, dual stream will be MJPEG                                                                                                                                                                                                                                                                                  |                                                                                                |          |                |       |        |     |                |                    |                     |                     |
| <b>SNP-6200</b>                                                                  | V1.00_120302                                                                                                                                                                                                                                                                                                                                                                              | H.264<br>M-JPEG                                                                                | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | -                  | Yes*                |                     |
| <b>SNP-6200H</b>                                                                 | refer to SNP-6200(FW V1.00_120302)                                                                                                                                                                                                                                                                                                                                                        | H.264<br>M-JPEG                                                                                | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | -                  | Yes*                | Supported by design |

## Samsung

|  |                                                                                                                                                                                                                    | Dual stream support Yes*: support JPEG format<br>Dual stream support Yes: support H.264 format |          |                            |       |        |     |                |                    |                     |                     |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------|----------------------------|-------|--------|-----|----------------|--------------------|---------------------|---------------------|
| Device Name                                                                      | Tested Firmware                                                                                                                                                                                                    | Video Format                                                                                   | Video Ch | Max Resolution             | Audio | I/O Ch | PTZ | On-Edge Motion | Camera Search Tool | Dual Stream Support | Remarks             |
| <b>SNP-6200HP</b>                                                                | refer to SNP-6200(FW V1.00_120302)                                                                                                                                                                                 | H.264 M-JPEG                                                                                   | 1        | 1920x1080                  | 1-way | 4/2    | Yes | Yes            | -                  | Yes*                | Supported by design |
| <b>SNP-6200P</b>                                                                 | refer to SNP-6200(FW V1.00_120302)                                                                                                                                                                                 | H.264 M-JPEG                                                                                   | 1        | 1920x1080                  | 1-way | 4/2    | Yes | Yes            | -                  | Yes*                | Supported by design |
| <b>SNP-6200RH</b>                                                                | 1.10_130523                                                                                                                                                                                                        | H.264 M-JPEG                                                                                   | 1        | 1920x1080                  | *2    | *2     | Yes | Yes            | Yes                | Yes                 |                     |
| Note:                                                                            | When main stream is MJPEG, dual stream will be H264. When main stream is H264, dual stream will be MJPEG                                                                                                           |                                                                                                |          |                            |       |        |     |                |                    |                     |                     |
| <b>SNV-1080</b>                                                                  | Refer to SNO-1080R(FW 1.00_120125)                                                                                                                                                                                 | H.264 M-JPEG                                                                                   | 1        | 640x480                    | 1-way | 1/0    | -   | Yes            | -                  | Yes*                | Test by link        |
| <b>SNV-1080R</b>                                                                 | Refer to SNO-1080R(FW 1.00_120125)                                                                                                                                                                                 | H.264 M-JPEG                                                                                   | 1        | 640x480                    | 1-way | 1/0    | -   | Yes            | -                  | Yes*                | Test by link        |
| <b>SNV-3080</b>                                                                  |                                                                                                                                                                                                                    | H.264 MPEG4                                                                                    | 1        | 720x576                    | 1-way | 2/2    | -   | -              | -                  | -                   | Supported by design |
| Note:                                                                            | Please uncheck the "RTSP time out" first.                                                                                                                                                                          |                                                                                                |          |                            |       |        |     |                |                    |                     |                     |
| <b>SNV-3082</b>                                                                  | refer to SND-3082 (FW                                                                                                                                                                                              | H.264 MPEG4 M-JPEG                                                                             | 1        | 704x576(PAL)<br>704x480(NT | 1-way | 1/1    | -   | Yes            | Yes                | Yes                 |                     |
| <b>SNV-3120</b>                                                                  | v1.24_110816                                                                                                                                                                                                       | H.264 MPEG4 M-JPEG                                                                             | 1        | 704x480                    | 1-way | 1/1    | Yes | -              | -                  | Yes*                |                     |
| Note:                                                                            | PTZ: support zoom and focus.                                                                                                                                                                                       |                                                                                                |          |                            |       |        |     |                |                    |                     |                     |
| <b>SNV-5010</b>                                                                  | v2.00_110727                                                                                                                                                                                                       | H.264 MPEG4 M-JPEG                                                                             | 1        | 1280x1024                  | 1-way | -      | -   | Yes            | -                  | Yes*                |                     |
| Note:                                                                            | The frame rate of main stream decrease to the half if watching dual stream video. Camera vendor fix this issue in FW 2.10_111227.                                                                                  |                                                                                                |          |                            |       |        |     |                |                    |                     |                     |
| <b>SNV-5080</b>                                                                  | refer to SND-5080(FW3.10_130416)                                                                                                                                                                                   | H.264 MPEG4 M-JPEG                                                                             | 1        | 1280x1024                  | 1-way | 1/1    | -   | Yes            | Yes                | Yes                 | Supported by design |
| <b>SNV-5080R</b>                                                                 | 3.10_130416                                                                                                                                                                                                        | H.264 MPEG4 M-JPEG                                                                             | 1        | 1280x1024                  | 1-way | 1/1    | -   | Yes            | Yes                | Yes                 |                     |
| Note:                                                                            | 1. SNV-5080 is compatible with SNV-5080R<br>2. It's likely failed to query camera parameter in high resolution configuration. It happens on SNO-5080R most. When encountering this issue, please go to camera web. |                                                                                                |          |                            |       |        |     |                |                    |                     |                     |

## Samsung

|  |                                                                                                                                                                                                                                                                                                                                               | Dual stream support Yes*: support JPEG format<br>Dual stream support Yes: support H.264 format |          |                |       |        |     |                |                    |                     |                     |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------|----------------|-------|--------|-----|----------------|--------------------|---------------------|---------------------|
| Device Name                                                                      | Tested Firmware                                                                                                                                                                                                                                                                                                                               | Video Format                                                                                   | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | Camera Search Tool | Dual Stream Support | Remarks             |
| <b>SNV-6084</b>                                                                  | refere to SND-6083 (FW                                                                                                                                                                                                                                                                                                                        | H264 MJPEG                                                                                     | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes                | Yes                 | Supported by design |
| <b>SNV-7080</b>                                                                  | Refer to SND-7080                                                                                                                                                                                                                                                                                                                             | H.264 M-JPEG                                                                                   | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | -                  | Yes*                | Supported by design |
| <b>SNV-7080R</b>                                                                 | Refer to SND-7080                                                                                                                                                                                                                                                                                                                             | H.264 M-JPEG                                                                                   | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | -                  | Yes*                | Supported by design |
| <b>SNV-7082</b>                                                                  | refer to SNB-7002(1.06_130402)                                                                                                                                                                                                                                                                                                                | H.264 M-JPEG                                                                                   | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes                | Yes                 | Supported by design |
| Note:                                                                            | Sometimes can't get correct UI setting because camera response time too long.                                                                                                                                                                                                                                                                 |                                                                                                |          |                |       |        |     |                |                    |                     |                     |
| <b>SNZ-5200</b>                                                                  | v1.05_111216                                                                                                                                                                                                                                                                                                                                  | H.264 MPEG4 M-JPEG                                                                             | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | -                  | Yes*                |                     |
| <b>SPE-100</b>                                                                   | v1.19_110317                                                                                                                                                                                                                                                                                                                                  | H.264 MPEG4 M-JPEG                                                                             | 1        | 704x480        | 1-way | 1/1    | Yes | Yes            | -                  | Yes*                |                     |
| Note:                                                                            | SPE-100 PTZ is abnormal, which PTZ may not be stopped after operating. This is camera FW bug, we can observe the same phenomenon on camera web.                                                                                                                                                                                               |                                                                                                |          |                |       |        |     |                |                    |                     |                     |
| <b>SPE-400</b>                                                                   | S/W : 1.40_120201                                                                                                                                                                                                                                                                                                                             | H.264 MPEG4 M-JPEG                                                                             | 1        | 704x480        | 1-way | 4/4    | Yes | Yes            | -                  | Yes*                | Test by link        |
| Note:                                                                            | SPE-400 is 4IP x 4channels video server                                                                                                                                                                                                                                                                                                       |                                                                                                |          |                |       |        |     |                |                    |                     |                     |
| Note:                                                                            | All cameras: it's likely failed to query camera parameter in high resolution configuration. It happens on SNO-5080R most. When encountering this issue, please go to camera web.                                                                                                                                                              |                                                                                                |          |                |       |        |     |                |                    |                     |                     |
| Note:                                                                            | All cameras: if configuring fixed frame rate on camera web, parameter selection on NVR web page won't be synchronized.                                                                                                                                                                                                                        |                                                                                                |          |                |       |        |     |                |                    |                     |                     |
| Note:                                                                            | For Samsung SNB-7002, SNV-7082, SND7082/F and SNO-7082R, when Frame rate sets to 1, there is no image via RTSP.<br>For Samsung SND-3082, SND-3082/F and SNB-3002, video parameter: brightness doesn't work.<br>For Samsung SNB-7002, SNV-7082, SND7082/F and SNO-7082R, resolution sets to 800*450 & 320*180, but actually 800*448 & 320*176. |                                                                                                |          |                |       |        |     |                |                    |                     |                     |



## SANTEC



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name        | Tested Firmware                                                                                                            | Video Format       | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>SNC-3302</b>    | Refer to SNC-6302(v1.0.2.332)                                                                                              | H.264 M-JPEG       | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>SNC-3305</b>    | v1.0.2.332                                                                                                                 | H.264 M-JPEG       | 1        | 2592x1944      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:              | M-JPEG on high resolution and quality may not get parameter.<br>Audio has some noise in high resolution.                   |                    |          |                |       |        |     |                |      |                     |                     |
| <b>SNC-3322</b>    | 1.0.0.11                                                                                                                   | H.264 M-JPEG       | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:              | The frame interval will be unstable under high stream setting, it will cause video and audio not smoothly and image broken |                    |          |                |       |        |     |                |      |                     |                     |
| <b>SNC-3342</b>    | 1.0.0.11                                                                                                                   | H.264 M-JPEG       | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>SNC-3901MDN</b> | 5.2.3                                                                                                                      | H.264 MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>SNC-3903M</b>   | 9.6.1                                                                                                                      | H.264 MPEG4 M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:              | PTZ is only supported by external RS-485 device.                                                                           |                    |          |                |       |        |     |                |      |                     |                     |
| <b>SNC-390DN/W</b> | 1.5                                                                                                                        | MPEG4 M-JPEG       | 1        | 720x576        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:              | PTZ is only supported by external RS-485 device.                                                                           |                    |          |                |       |        |     |                |      |                     |                     |
| <b>SNC-4302</b>    | 1.0.0.9                                                                                                                    | H.264 M-JPEG       | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| <b>SNC-5211MIR</b> | 5.2.2                                                                                                                      | H.264 MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>SNC-5211R/W</b> | 1.5                                                                                                                        | MPEG4 M-JPEG       | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>SNC-5312IR</b>  | Refer to SNC-6302(v1.0.2.332)                                                                                              | H.264 M-JPEG       | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>SNC-5312MIR</b> |                                                                                                                            | H.264 MPEG4 M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>SNC-5315IR</b>  | Refer to SNC-6315(v1.0.2.332)                                                                                              | H.264 M-JPEG       | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>SNC-5651R/W</b> | 1.5                                                                                                                        | MPEG4 M-JPEG       | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |

## SANTEC



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name         | Tested Firmware                                                                                          | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks                |
|---------------------|----------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|------------------------|
| <b>SNC-6163ID</b>   |                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design    |
| <b>SNC-620/W</b>    | 1.0.1.5                                                                                                  | MPEG4<br>M-JPEG          | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | -    | Yes*                | Tested by manufacturer |
| <b>SNC-6201M</b>    | 5.2.2                                                                                                    | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design    |
| <b>SNC-6202</b>     | Refer to SNC-6302(v1.0.2.332)                                                                            | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design    |
| <b>SNC-6212IR</b>   | Refer to SNC-6302(v1.0.2.332)                                                                            | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design    |
| <b>SNC-6221MIR</b>  | 5.2.2                                                                                                    | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design    |
| <b>SNC-6223MIR</b>  |                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design    |
| <b>SNC-6301M</b>    | 5.2.2                                                                                                    | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design    |
| <b>SNC-6302</b>     | v1.0.2.332                                                                                               | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                        |
| Note:               | M-JPEG on high resolution and quality may not get parameter.<br>Audio has some noise in high resolution. |                          |          |                |       |        |     |                |      |                     |                        |
| <b>SNC-6303M</b>    |                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design    |
| <b>SNC-6312IRH</b>  | Refer to SNC-6302(v1.0.2.332)                                                                            | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design    |
| <b>SNC-6315IRH</b>  | v1.0.2.332                                                                                               | H.264<br>M-JPEG          | 1        | 2592x1944      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                        |
| Note:               | M-JPEG on high resolution and quality may not get parameter.<br>Audio has some noise in high resolution. |                          |          |                |       |        |     |                |      |                     |                        |
| <b>SNC-6332</b>     | 1.0.0.10                                                                                                 | H.264<br>M-JPEG          | 1        | 1600x1200      | 1-way | 4/1    | -   | -              | Yes  | Yes*                |                        |
| <b>SNC-670ID/W</b>  | 1.0.1.5                                                                                                  | MPEG4<br>M-JPEG          | 1        | 720x576        | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Tested by manufacturer |
| <b>SNC-8322I/HO</b> |                                                                                                          | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 4/2    | Yes | Yes            | Yes  | Yes*                | Supported by design    |

## SANTEC



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name       | Tested Firmware                                                                                                                                                                                    | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>SNC-P3601M</b> | 5.2.2                                                                                                                                                                                              | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>SNC-P3603M</b> |                                                                                                                                                                                                    | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:             | On-edge motion: H.264 and MPEG4 (3 megapixel cameras).                                                                                                                                             |                          |          |                |       |        |     |                |      |                     |                     |
| <b>SVS-1100</b>   | 1.1.8                                                                                                                                                                                              | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576        | 1-way | 2/2    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>SVS-3001</b>   |                                                                                                                                                                                                    | H264<br>M-JPEG           | 1        | 720x480        | 1-way | 1/1    | Yes | -              | Yes  | Yes*                | Supported by design |
| Note:             | 1.3 megapixel cameras: frame rate of MJPEG format is not synchronized as camera actually sends, for example, we set fps to 5 fps, but the video is 3 fps. This issue is fixed in camera FW v5.2.6. |                          |          |                |       |        |     |                |      |                     |                     |
| Note:             | 1.3 megapixel and 3 megapixel cameras: with HW restrictions, the video @ H.264 with TCP protocol is not smooth in the conditions of high resolution, fps and bitrate.                              |                          |          |                |       |        |     |                |      |                     |                     |

# Titan NVR Supported Camera List



DP v2.17\_release date\_2013.09

## Sanyo



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                                     | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|---------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| VCC-HD2100  |                                                                                                                     | H.264 M-JPEG | 1        | 2288x1712      | -     | 2/2    | -   | Yes            | -    | Yes*                | Supported by design |
| VCC-HD2100P |                                                                                                                     | H.264 M-JPEG | 1        | 2288x1712      | -     | 2/2    | -   | Yes            | -    | Yes*                | Supported by design |
| VCC-HD2300  |                                                                                                                     | H.264 M-JPEG | 1        | 2288x1712      | -     | 2/2    | -   | Yes            | -    | Yes*                | Supported by design |
| VCC-HD2300P |                                                                                                                     | H.264 M-JPEG | 1        | 2288x1712      | -     | 2/2    | -   | Yes            | -    | Yes*                | Supported by design |
| VCC-HD2500  | CAM MAIN 1.00-10, CAM SUB 1.00-00, NET MAIN 1.00-06, NET SUB 1.00-01                                                | H.264 M-JPEG | 1        | 2288x1712      | 1-way | 2/2    | -   | Yes            | -    | Yes*                |                     |
| VCC-HD2500P | CAM MAIN 1.00-10, CAM SUB 1.00-00, NET MAIN 1.01-02, NET SUB 0.00-00                                                | H.264 M-JPEG | 1        | 2288x1712      | 1-way | 2/2    | -   | Yes            | -    | Yes*                |                     |
| VCC-HDN1    | MAIN 1.05-04, SUB 1.00-03                                                                                           | H.264 M-JPEG | 1        | 2288x1712      | -     | 2/1    | Yes | Yes            | -    | -                   |                     |
| Note:       | 1. VCC-HD4000, VCC-HD4000P and VCC-HD4000PC are compatible with VCD-HDN1<br>2. PTZ support: zoom, preset, and focus |              |          |                |       |        |     |                |      |                     |                     |
| VCC-HD4600  | CAM MAIN 1.00-05, CAM SUB 1.00-01, NET MAIN 1.00-04, NET SUB 1.00-04                                                | H.264 M-JPEG | 1        | 2288x1712      | 1-way | 2/2    | Yes | Yes            | -    | Yes*                |                     |
| Note:       | PTZ support: zoom, preset, and focus                                                                                |              |          |                |       |        |     |                |      |                     |                     |
| VCC-HD4600P |                                                                                                                     | H.264 M-JPEG | 1        | 2288x1712      | 1-way | 2/2    | Yes | Yes            | -    | Yes*                |                     |
| VCC-HD5400  |                                                                                                                     | H.264 M-JPEG | 1        | 2288x1712      | 1-way | 4/2    | Yes | Yes            | -    | Yes*                | Supported by design |
| VCC-HD5400P |                                                                                                                     | H.264 M-JPEG | 1        | 2288x1712      | 1-way | 4/2    | Yes | Yes            | -    | Yes*                | Supported by design |

## Sanyo



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                                                                                                           | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| VCC-HD5600  | CAM MAIN 1.00-04, CAM SUB 1.00-00, MEC MAIN 1.04-00, I/O MAIN 1.03-00, NET MAIN 1.00-04, NET SUB 1.00-02                                                                                  | H.264 M-JPEG | 1        | 2288x1712      | 1-way | 8/2    | Yes | Yes            | -    | Yes*                |                     |
| Note:       | PTZ Support: enable move feature is supported in NVRmini v2.3.2 and above version; 9~16 preset point are invalid in NVRmini v2.3.1<br>Max Resolution: 2288x1712(M-JPEG), 1920*1080(H.264) |              |          |                |       |        |     |                |      |                     |                     |
| VCC-HD5600P |                                                                                                                                                                                           | H.264 M-JPEG | 1        | 2288x1712      | 1-way | 8/2    | Yes | Yes            | -    | Yes*                | Supported by design |
| Note:       | PTZ Support: enable move feature is supported in NVRmini v2.3.2 and above version; 9~16 preset point are invalid in NVRmini v2.3.1<br>Max Resolution: 2288x1712(M-JPEG), 1920*1080(H.264) |              |          |                |       |        |     |                |      |                     |                     |
| VDC-HD3100  |                                                                                                                                                                                           | H.264 M-JPEG | 1        | 2288x1712      | -     | 2/2    | -   | Yes            | -    | Yes*                | Supported by design |
| VDC-HD3100P |                                                                                                                                                                                           | H.264 M-JPEG | 1        | 2288x1712      | -     | 2/2    | -   | Yes            | -    | Yes*                | Supported by design |
| VDC-HD3300  | MAIN 1.00-14, SUB 1.00-02                                                                                                                                                                 | H.264 M-JPEG | 1        | 2288x1712      | -     | 2/2    | -   | Yes            | -    | Yes*                |                     |
| VDC-HD3300P |                                                                                                                                                                                           | H.264 M-JPEG | 1        | 2288x1712      | -     | 2/2    | -   | Yes            | -    | Yes*                | Supported by design |
| VDC-HD3500  |                                                                                                                                                                                           | H.264 M-JPEG | 1        | 2288x1712      | 1-way | 2/2    | -   | Yes            | -    | Yes*                | Supported by design |
| VDC-HD3500P |                                                                                                                                                                                           | H.264 M-JPEG | 1        | 2288x1712      | 1-way | 2/2    | -   | Yes            | -    | Yes*                | Supported by design |
| Note:       | Administrator privilege account / number:<br>VCC-HD2100/2300/3100/3300: admin / 3; operator / 1<br>VCC-HD2500/3500/4600/5400/5600: admin / 1; operator / 2<br>VCC-HD4000: admin / 1       |              |          |                |       |        |     |                |      |                     |                     |

## Shany



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware                                                              | Video Format            | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-----------------|------------------------------------------------------------------------------|-------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| <b>SNC-21XX</b> | BgWT813003<br>5N03 V23<br>1208152A                                           | H.264<br>MPEG4<br>MJPEG | 1        | 720P           | 1-way | 1/1    | Yes | Yes            | -    | Yes*                |         |
| note            | SNC-21XX contains SNC-WD2112MDN, SNC-WD2122DN, SNC-WDL2132DN, SNC-WDL2142DN. |                         |          |                |       |        |     |                |      |                     |         |
| <b>SNC-22XX</b> | BgWT820271<br>5N03 V23<br>1208153A                                           | H.264<br>MPEG4<br>MJPEG | 1        | 1080P          | 1-way | 1/1    | Yes | Yes            | -    | Yes*                |         |
| note            | SNC-22XX contains SNC-2212MDN, SNC-2222DN, SNC-L2232DN.                      |                         |          |                |       |        |     |                |      |                     |         |
| <b>SNC-23XX</b> | BgWT830003<br>6N03 V23<br>1208154A                                           | H.264<br>MPEG4<br>MJPEG | 1        | 3M             | 1-way | 1/1    | Yes | Yes            | -    | Yes*                |         |
| note            | SNC-23XX contains SNC-WD2312MDN, SNC-WD2322DN, SNC-WDL2132DN, SNC-WDL2332DN. |                         |          |                |       |        |     |                |      |                     |         |

## Sony

**SONY**

Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                      | Tested Firmware                                                                                                                                                                                                                                                         | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| Generic                          | 1.7.0                                                                                                                                                                                                                                                                   | H.264<br>M-JPEG          | 1        | All            | 1-way | 2/2    | -   | Yes            | -    | Yes                | Yes                 |                     |
| Note:                            | For Sony G6 series model.<br>H264 pictures are broken and frozen in case high frame rate and resolution.<br>MJPEG stream delay and isn't smooth.<br>Camera is unstable in case high frame rate or resolution.<br>Audios (G726/G711/AAC) are noise, non-smooth or muted. |                          |          |                |       |        |     |                |      |                    |                     |                     |
| <b>SNC-CH110/B / SNC-CH110/S</b> | 1.27.00                                                                                                                                                                                                                                                                 | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-CH120</b>                 | 1.30.00                                                                                                                                                                                                                                                                 | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | -     | 1/0    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-CH140</b>                 | 1.07.00                                                                                                                                                                                                                                                                 | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-CH160</b>                 | 1.13.00                                                                                                                                                                                                                                                                 | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | -     | 1/1    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-CH180</b>                 | 1.26.01                                                                                                                                                                                                                                                                 | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-CH210</b>                 | 1.78.00                                                                                                                                                                                                                                                                 | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| Note:                            | 1. SNC-CH210/B and SNC-CH210/S are compatible with SNC-CH210<br>2. Dualstream can not be enabled when H.264, 1280 x 720, 30 fps is selected for Image 1.<br>3. The number of connection is 1 for JPEG and 2 for H264 and MPEG4 at the same time.                        |                          |          |                |       |        |     |                |      |                    |                     |                     |
| <b>SNC-CH220</b>                 | 1.21.02                                                                                                                                                                                                                                                                 | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1440      | -     | 1/1    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-CH240</b>                 | 1.10.01                                                                                                                                                                                                                                                                 | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1440      | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-CH260</b>                 | 1.78.00                                                                                                                                                                                                                                                                 | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1440      | -     | 1/1    | -   | Yes            | -    | Yes                | Yes*                |                     |
| Note:                            | 1. PTZ function only support zoom tele/wide, focus near/far and auto function.<br>2. DualStream can not be enabled when the H264, 1920x1080, 30 FPS is selected for Image1.<br>3. The number of connection is 1 for JPEG and 2 for H264 and MPEG4 at the same time.     |                          |          |                |       |        |     |                |      |                    |                     |                     |
| <b>SNC-CH280</b>                 | 1.26.01                                                                                                                                                                                                                                                                 | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1440      | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-CM120</b>                 | 1.00                                                                                                                                                                                                                                                                    | MPEG4<br>M-JPEG          | 1        | 1280x960       | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-CS10</b>                  |                                                                                                                                                                                                                                                                         | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>SNC-CS11</b>                  | 1.05                                                                                                                                                                                                                                                                    | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                | Yes*                |                     |

## Sony

# SONY

Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                        | Tested Firmware                                                                                                                                                                                                                                                                                                                                                                        | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| <b>SNC-CS20</b>                    |                                                                                                                                                                                                                                                                                                                                                                                        | MPEG4<br>M-JPEG          | 1        | 768x576        | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>SNC-CS3</b>                     |                                                                                                                                                                                                                                                                                                                                                                                        | M-JPEG                   | 1        | 736x480        | -     | 1/2    | -   | -              | -    | Yes                | Yes*                | Supported by design |
| <b>SNC-CS50</b>                    | 2.21                                                                                                                                                                                                                                                                                                                                                                                   | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 2/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-CX600W</b>                  | 1.7.0                                                                                                                                                                                                                                                                                                                                                                                  | H.264<br>M-JPEG          | 1        | 1280x1024      | 1-way | -      | -   | Yes            | -    | Yes                | Yes                 |                     |
| Note:                              | H264 pictures are broken and frozen in case high frame rate and resolution.<br>MJPEG stream delay and isn't smooth.<br>Camera is unstable in case high frame rate or resolution.                                                                                                                                                                                                       |                          |          |                |       |        |     |                |      |                    |                     |                     |
| <b>SNC-DF40</b>                    | 1.17                                                                                                                                                                                                                                                                                                                                                                                   | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-DF50</b>                    | 1.11                                                                                                                                                                                                                                                                                                                                                                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-DF70</b>                    | 1.17                                                                                                                                                                                                                                                                                                                                                                                   | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-DF80</b>                    | 1.11                                                                                                                                                                                                                                                                                                                                                                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-DF85</b>                    |                                                                                                                                                                                                                                                                                                                                                                                        | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>SNC-DH110/B / SNC-DH110/W</b>   | 1.27.02                                                                                                                                                                                                                                                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-DH110T/B / SNC-DH110T/W</b> | Refer to SNC-DH110                                                                                                                                                                                                                                                                                                                                                                     | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>SNC-DH120</b>                   | 1.78.00                                                                                                                                                                                                                                                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| Note:                              | 1. PTZ function only support zoom tele/wide, focus near/far and auto function.<br>2. Dualstream can not be enabled when H.264, 1280 x 720, 30 fps is selected for Image 1.<br>3. The connection cannot established with high probability when selected JPEG, high resolution and high quality.<br>4. The number of connection is 1 for JEPG and 2 for H264 and MPEG4 at the same time. |                          |          |                |       |        |     |                |      |                    |                     |                     |
| <b>SNC-DH140</b>                   | 1.07.00                                                                                                                                                                                                                                                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| Note:                              | Motion detection will be turned off upon changing to maximum resolution. Remember to enable it in camera web.                                                                                                                                                                                                                                                                          |                          |          |                |       |        |     |                |      |                    |                     |                     |
| <b>SNC-DH160</b>                   | 1.13.00                                                                                                                                                                                                                                                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | -     | 1/1    | -   | Yes            | -    | Yes                | Yes*                |                     |



## Sony

**SONY**

Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                        | Tested Firmware                                                                                        | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| <b>SNC-DH180</b>                   | 1.10.02                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-DH210/B / SNC-DH210/W</b>   |                                                                                                        | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>SNC-DH210T/B / SNC-DH210T/W</b> | 1.27.00                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 2048x1536      | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-DH220</b>                   | 1.50.00                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1440      | 1-way | 1/1    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-DH220T</b>                  | Refer to SNC-DH220                                                                                     | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1440      | 1-way | 1/1    | Yes | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>SNC-DH240</b>                   | 1.11.00                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1440      | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-DH260</b>                   | 1.30.00                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1440      | -     | 1/1    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-DH280</b>                   | 1.26.01                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1921x1440      | 1-Way | 1/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-DM110</b>                   |                                                                                                        | MPEG4<br>M-JPEG          | 1        | 1280x960       | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>SNC-DM160</b>                   | 1.01                                                                                                   | MPEG4<br>M-JPEG          | 1        | 1280x960       | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-DS10</b>                    | 1.01                                                                                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 768x576        | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-DS60</b>                    | 1.00                                                                                                   | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/2    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-EP520</b>                   | 1.40.00                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 720x480        | 1-way | 2/1    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-EP521</b>                   | 1.42.00                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576        | 1-way | 2/1    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-EP550</b>                   | Refer to SNC-ER550                                                                                     | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x720       | 1-way | 2/1    | Yes | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>SNC-EP580</b>                   | 1.42.00                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 2/1    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| Note:                              | For performance consideration, users are unable to watch live videos on both NVR side and camera side. |                          |          |                |       |        |     |                |      |                    |                     |                     |
| <b>SNC-ER520</b>                   | 1.42.00                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 720x480        | 1-way | 2/1    | Yes | Yes            | -    | Yes                | Yes*                |                     |

## Sony

# SONY

Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name      | Tested Firmware                                                                                                                                                                                                                                                                                  | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| <b>SNC-ER521</b> | 1.42.00                                                                                                                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576        | 1-way | 2/1    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-ER550</b> | 1.78.00                                                                                                                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x720       | 1-way | 2/1    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| Note:            | 1. Dualstream can not be enabled when H264, 1280x720, 30fps is selected for image 1.<br>2. The number of connection is 1 for JPEG and 2 for H264 and MPEG4 at the same time.<br>3. The connection cannot established with high probability when selected JPEG, high resolution and high quality. |                          |          |                |       |        |     |                |      |                    |                     |                     |
| <b>SNC-ER580</b> | 1.51.00                                                                                                                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 2/1    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| Note:            | For performance consideration, users are unable to watch live videos on both NVR side and camera side.                                                                                                                                                                                           |                          |          |                |       |        |     |                |      |                    |                     |                     |
| <b>SNC-ER585</b> | 1.78.00                                                                                                                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | *2    | *2     | Yes | Yes            | -    | *2                 | Yes                 | Tested by link      |
| Note:            | MPEG4 texture will break briefly during resolution switch.                                                                                                                                                                                                                                       |                          |          |                |       |        |     |                |      |                    |                     |                     |
| <b>SNC-P1</b>    | 1.28                                                                                                                                                                                                                                                                                             | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-P5</b>    | 1.11                                                                                                                                                                                                                                                                                             | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 2/1    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-RH124</b> | 1.10.01                                                                                                                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x720       | 1-way | 4/2    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-RH164</b> | 1.10.01                                                                                                                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x720       | 1-way | 4/2    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-RS44N</b> |                                                                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>M-JPEG | 1        | 720x480        | 1-way | 4/2    | Yes | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>SNC-RS44P</b> |                                                                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576        | 1-way | 4/2    | Yes | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>SNC-RS46N</b> |                                                                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>M-JPEG | 1        | 720x480        | 1-way | 4/2    | Yes | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>SNC-RS46P</b> | 1.10.02                                                                                                                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576        | 1-way | 4/2    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-RS84N</b> |                                                                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>M-JPEG | 1        | 720x480        | 1-way | 4/2    | Yes | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>SNC-RS84P</b> |                                                                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576        | 1-way | 4/2    | Yes | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>SNC-RS86N</b> |                                                                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>M-JPEG | 1        | 720x480        | 1-way | 4/2    | Yes | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>SNC-RS86P</b> |                                                                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576        | 1-way | 4/2    | Yes | Yes            | -    | Yes                | Yes*                | Supported by design |

## Sony

# SONY

Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name       | Tested Firmware                                                                                                                                                                                                                            | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| <b>SNC-RX530</b>  | 3.00                                                                                                                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 2/2    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-RX550</b>  |                                                                                                                                                                                                                                            | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 2/2    | Yes | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>SNC-RX570</b>  | 3.01                                                                                                                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 2/2    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-RZ25</b>   | 1.29                                                                                                                                                                                                                                       | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 2/2    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-RZ30</b>   | 3.14                                                                                                                                                                                                                                       | M-JPEG                   | 1        | 736x480        | -     | 3/2    | Yes | -              | -    | Yes                | Yes*                |                     |
| <b>SNC-RZ50</b>   | 2.21                                                                                                                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | 1-way | 2/2    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNC-VB600</b>  | 1.3.0                                                                                                                                                                                                                                      | H.264<br>M-JPEG          | 1        | 1280x1024      | -     | 2/2    | -   | -              | -    | Yes                | Yes*                |                     |
| Note:             | Not support Motion Detection.<br>Not support Audio.<br>Alarm Input doesn't work.                                                                                                                                                           |                          |          |                |       |        |     |                |      |                    |                     |                     |
| <b>SNC-VB600B</b> | 1.7.0                                                                                                                                                                                                                                      | H.264<br>M-JPEG          | 1        | 1280x1024      | 1-way | 2/2    | -   | Yes            | -    | Yes                | Yes                 |                     |
| Note:             | H264 pictures are broken and frozen in case high frame rate and resolution.<br>MJPEG stream delay and isn't smooth.<br>Camera is unstable in case high frame rate or resolution.<br>Audios (G726/G711/AAC) are noise, non-smooth or muted. |                          |          |                |       |        |     |                |      |                    |                     |                     |
| <b>SNC-VB630</b>  | 1.7.0                                                                                                                                                                                                                                      | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 2/2    | -   | Yes            | -    | Yes                | Yes                 |                     |
| Note:             | H264 pictures are broken and frozen in case high frame rate and resolution.<br>MJPEG stream delay and isn't smooth.<br>Camera is unstable in case high frame rate or resolution.<br>Audios (G726/G711/AAC) are noise, non-smooth or muted. |                          |          |                |       |        |     |                |      |                    |                     |                     |
| <b>SNC-VM600B</b> | Refer to SNC-VB600B                                                                                                                                                                                                                        | H.264<br>M-JPEG          | 1        | 1280x1024      | 1-way | 2/2    | -   | Yes            | -    | Yes                | Yes                 | Supported by design |
| <b>SNC-Z20</b>    | 1.06                                                                                                                                                                                                                                       | M-JPEG                   | 1        | 736x480        | -     | 1/2    | Yes | -              | -    | Yes                | Yes*                |                     |
| Note:             | PTZ Support: zoom only.                                                                                                                                                                                                                    |                          |          |                |       |        |     |                |      |                    |                     |                     |
| <b>SNT-EP104</b>  |                                                                                                                                                                                                                                            | H.264<br>MPEG4<br>M-JPEG | 4        | 720x480        | -     | -      | -   | Yes            | -    | Yes                | Yes*                | Supported by design |

## Sony

**SONY**

Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name       | Tested Firmware                                                                                                                                                                     | Video Format             | Video Ch | Max Resolution              | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Camera Search Tool | Dual Stream Support | Remarks             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|-----------------------------|-------|--------|-----|----------------|------|--------------------|---------------------|---------------------|
| <b>SNT-EP154</b>  | 1.10.01                                                                                                                                                                             | H.264<br>MPEG4<br>M-JPEG | 4        | 720x480                     | -     | -      | -   | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNT-EX101</b>  |                                                                                                                                                                                     | H.264<br>MPEG4<br>M-JPEG | 1        | 720x480                     | 1-way | 2/2    | Yes | Yes            | -    | Yes                | Yes*                | Supported by design |
| <b>SNT-EX101E</b> | 1.10.01                                                                                                                                                                             | H.264<br>MPEG4<br>M-JPEG | 1        | PAL:720x576<br>NTSC:720x480 | 1-way | 2/2    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNT-EX104</b>  | 1.10.01                                                                                                                                                                             | H.264<br>MPEG4<br>M-JPEG | 4        | PAL:720x576<br>NTSC:720x480 | 1-way | 4/4    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNT-EX154</b>  | 1.10.01                                                                                                                                                                             | H.264<br>MPEG4<br>M-JPEG | 4        | 720x480                     | 1-way | 4/4    | Yes | Yes            | -    | Yes                | Yes*                |                     |
| <b>SNT-V704</b>   | 2.15                                                                                                                                                                                | MPEG4<br>M-JPEG          | 4        | 720x480                     | 1-way | 1/4    | -   | -              | -    | Yes                | Yes*                |                     |
| Note:             | When use 2nd stream on "E" and "X" series, IP-cameras motion detection will not able to use. Please refer to Sony user's guide. The 1.7 and above version of FW solve this problem. |                          |          |                             |       |        |     |                |      |                    |                     |                     |

## StarDot



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name    | Tested Firmware                                                         | Video Format   | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|----------------|-------------------------------------------------------------------------|----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>SD-130</b>  | NetCamSC 1.1.63                                                         | M-JPEG         | 1        | 1296x960       | -     | -      | -   | Yes            | -    |                     |                     |
| Note:          | SD-130B, SD-130BN, SD-130V and SD-130VN are compatible with SD-130      |                |          |                |       |        |     |                |      |                     |                     |
| <b>SD-300</b>  |                                                                         | M-JPEG         | 1        | 2048x1536      | -     | -      | -   | Yes            | -    |                     | Supported by design |
| Note:          | SD-300B and SD-300V are compatible with SD-300                          |                |          |                |       |        |     |                |      |                     |                     |
| <b>SD-500</b>  | NetCamSC 1.1.63                                                         | M-JPEG         | 1        | 2595x1944      | -     | -      | -   | Yes            | -    |                     |                     |
| Note:          | SD-500B, SD-500BN, SD-500V and SD-500VN are compatible with SD-500      |                |          |                |       |        |     |                |      |                     |                     |
| <b>SDEXP2</b>  | ExpressXL 1.1.61                                                        | M-JPEG         | 2        | 704x480        | -     | -      | -   | Yes            | -    |                     |                     |
| Note:          | Camera doesn't support adjust framerate.                                |                |          |                |       |        |     |                |      |                     |                     |
| <b>SDEXP4</b>  | ExpressXL 1.1.63                                                        | M-JPEG         | 4        | 704x480        | -     | -      | -   | Yes            | -    | Yes*                |                     |
| Note:          | Camera doesn't support adjust framerate.                                |                |          |                |       |        |     |                |      |                     |                     |
| <b>SDH-130</b> |                                                                         | H264<br>M-JPEG | 1        | 1296x976       | -     | 1/0    | -   | Yes            | -    | Yes*                | Supported by design |
| Note:          | SDH-130B, SDH-130BN, SDH-130V and SDH-130VN are compatible with SDH-130 |                |          |                |       |        |     |                |      |                     |                     |
| <b>SDH-300</b> |                                                                         | H264<br>M-JPEG | 1        | 2048x1536      | -     | 1/0    | -   | Yes            | -    | Yes*                | Supported by design |
| Note:          | SDH-300B and SDH-300V are compatible with SDH-300                       |                |          |                |       |        |     |                |      |                     |                     |
| <b>SDH-500</b> | 1.1.68                                                                  | H264<br>M-JPEG | 1        | 2560x1944      | -     | 1/0    | -   | Yes            | -    | Yes*                |                     |
| Note:          | SDH-500B, SDH-500BN, SDH-500V and SDH-500VN are compatible with SDH-500 |                |          |                |       |        |     |                |      |                     |                     |

# Titan NVR Supported Camera List



DP v2.17\_release date\_2013.09

## Sunell



- : not available on camera  
\*1: not available on software  
\*2: not test on software

Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name      | Tested Firmware                                                                                                                                                                                                                                           | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | ONVIF Search | Dual Stream Support | Remarks             |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|--------------|---------------------|---------------------|
| Generic          | v1.6_build044014_148                                                                                                                                                                                                                                      | H.264 M-JPEG | 1        | 2592x1920      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes                 |                     |
| Note:            | 1.Focus function is not test on software.<br>2.The maximum resolution is depends on camera.<br>3.Some framerate and bitrate can't be set due to Onvif restriction.<br>4.Camera firmwawe must be v1.6_build044014_148 or above then can use generic model. |              |          |                |       |        |     |                |      |              |                     |                     |
| IPS54/70DN/Z18   | refer to IPS54/70DN/Z R18                                                                                                                                                                                                                                 | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/0    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| IPS54/70DN/Z R18 | v1.6_build044014_027                                                                                                                                                                                                                                      | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/0    | Yes | Yes            | -    | -            | Yes*                |                     |
| IPS54/70DR/Z18   | refer to IPS54/70DN/Z R18                                                                                                                                                                                                                                 | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/0    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| IPS54/70DR/Z R18 | refer to IPS54/70DN/Z R18                                                                                                                                                                                                                                 | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/0    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| IPS54/71DN/Z18   | refer to IPS54/70DN/Z R18                                                                                                                                                                                                                                 | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/0    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| IPS54/80DR       | refer to IPS54/70DN/Z R18                                                                                                                                                                                                                                 | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/0    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPC54/11DN    | refer to SN-IPC54/11FDN                                                                                                                                                                                                                                   | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPC54/11EDN   | refer to SN-IPC54/11FDN                                                                                                                                                                                                                                   | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPC54/11FDN   | v1.6_build044014_027                                                                                                                                                                                                                                      | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                |                     |
| SN-IPC54/12DN    | refer to SN-IPD54/12VDN                                                                                                                                                                                                                                   | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPC54/12EDN   | refer to SN-IPD54/12VDN                                                                                                                                                                                                                                   | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPC54/12FDN   | refer to SN-IPD54/12VDN                                                                                                                                                                                                                                   | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPC54/14EDN   | refer to IPD54/12VDN (v1.6_build044014_106)                                                                                                                                                                                                               | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPC54/20DN    | 1.6_build044011_061                                                                                                                                                                                                                                       | H.264 M-JPEG | 1        | 704x576        | 1-way | -      | -   | Yes            | -    | Yes          | -                   |                     |

## Sunell



- : not available on camera  
 \*1: not available on software  
 \*2: not test on software

Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware                                 | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | ONVIF Search | Dual Stream Support | Remarks             |
|-----------------|-------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|--------------|---------------------|---------------------|
| SN-IPC54/31EDN  | refer to SN-IPV54/31UDR (v1.6_build044_014_137) | H.264 M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPC54/40EDN  | v1.6_build044_014_137                           | H.264 M-JPEG | 1        | 2592x1920      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                |                     |
| SN-IPC54/50DN   |                                                 | H.264 M-JPEG | 1        | 1280x720       | 1-way | -      | -   | Yes            | -    | Yes          | -                   | Supported by design |
| SN-IPD54/11DN   |                                                 | H.264 M-JPEG | 1        | 1280x720       | 1-way | -      | -   | Yes            | -    | Yes          | -                   | Supported by design |
| SN-IPD54/11VDN  | refer to SN-IPC54/11FDN                         | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPD54/11VDR  | refer to SN-IPC54/11FDN                         | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPD54/12DN   |                                                 | H.264 M-JPEG | 1        | 1920x1080      | 1-way | -      | -   | Yes            | -    | Yes          | -                   | Supported by design |
| SN-IPD54/12VDN  | v1.6_build044_014_106                           | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                |                     |
| SN-IPD54/12VDR  | refer to SN-IPD54/12VDN                         | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPD54/14VDN  | refer to IPD54/12VDN (v1.6_build044_014_106)    | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPD54/14VDR  | refer to IPD54/12VDN (v1.6_build044_014_106)    | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPD54/31VDN  | refer to SN-IPV54/31UDR (v1.6_build044_014_137) | H.264 M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPD54/31VDR  | refer to SN-IPV54/31UDR (v1.6_build044_014_137) | H.264 M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPD54/40VDN  | refer to SN-IPC54/40EDN (v1.6_build044_014_137) | H.264 M-JPEG | 1        | 2592x1920      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPR54/11AKDN | refer to SN-IPC54/11FDN                         | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |

## Sunell



- : not available on camera  
 \*1: not available on software  
 \*2: not test on software

Dual stream support Yes\*: support JPEG format  
 Dual stream support Yes: support H.264 format

| Device Name       | Tested Firmware                                 | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | ONVIF Search | Dual Stream Support | Remarks             |
|-------------------|-------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|--------------|---------------------|---------------------|
| SN-IPR54/11ALDN   | refer to SN-IPC54/11FDN                         | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPR54/11ANDN   | refer to SN-IPC54/11FDN                         | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPR54/11DN     | refer to SN-IPC54/11FDN                         | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPR54/12AKDN   | refer to SN-IPD54/12VDN                         | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPR54/12ALDN   | refer to SN-IPD54/12VDN                         | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPR54/12ANDN   | refer to SN-IPD54/12VDN                         | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPR54/12DN     | refer to SN-IPD54/12VDN                         | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPR54/14AKDN   | refer to IPD54/12VDN (v1.6_build044_014_106)    | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPR54/14APDN   | refer to IPD54/12VDN (v1.6_build044_014_106)    | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPR54/31AKDN   | refer to SN-IPV54/31UDR (v1.6_build044_014_137) | H.264 M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPR54/31APDN   | refer to SN-IPV54/31UDR (v1.6_build044_014_137) | H.264 M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPR54/40AKDN   | refer to SN-IPC54/40EDN (v1.6_build044_014_137) | H.264 M-JPEG | 1        | 2592x1920      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPR54/40APDN   | refer to SN-IPC54/40EDN (v1.6_build044_014_137) | H.264 M-JPEG | 1        | 2592x1920      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| SN-IPR54/50DN     |                                                 | H.264 M-JPEG | 1        | 1280x720       | 1-way | -      | -   | Yes            | -    | Yes          | -                   | Supported by design |
| SN-IPS54/60DN/Z18 |                                                 | H.264 M-JPEG | 1        | 704x576        | 1-way | -      | Yes | Yes            | -    | Yes          | -                   | Supported by design |



# Titan NVR Supported Camera List



DP v2.17\_release date\_2013.09

## Sunell



- : not available on camera  
\*1: not available on software  
\*2: not test on software

Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name                                                                                      | Tested Firmware                                | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPn P | ONVIF Search | Dual Stream Support | Remarks             |
|--------------------------------------------------------------------------------------------------|------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|-------|--------------|---------------------|---------------------|
| SN-IPS54/60DN/Z18/WI                                                                             | v1.6_build044013_040                           | H.264 MJPEG  | 1        | 704x480        | 1-way | -      | Yes | Yes            | -     | Yes          | Yes*                |                     |
| SN-IPS54/60DN/Z36                                                                                |                                                | H.264 M-JPEG | 1        | 704x576        | 1-way | -      | Yes | Yes            | -     | Yes          | -                   | Supported by design |
| SN-IPV54/11DN                                                                                    | refer to SN-IPC54/11FDN                        | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/1    | Yes | Yes            | -     | -            | Yes*                | Supported by design |
| SN-IPV54/11DR                                                                                    | refer to SN-IPC54/11FDN                        | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/1    | Yes | Yes            | -     | -            | Yes*                | Supported by design |
| SN-IPV54/11UDN                                                                                   | refer to SN-IPC54/11FDN                        | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/1    | Yes | Yes            | -     | -            | Yes*                | Supported by design |
| SN-IPV54/11UDR                                                                                   | refer to SN-IPC54/11FDN                        | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/1    | Yes | Yes            | -     | -            | Yes*                | Supported by design |
| SN-IPV54/11ZDR                                                                                   | refer to SN-IPC54/11FDN                        | H.264 M-JPEG | 1        | 1280x720       | 1-way | 1/1    | Yes | Yes            | -     | -            | Yes*                | Supported by design |
| SN-IPV54/12DN                                                                                    | refer to SN-IPD54/12VDN                        | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -     | -            | Yes*                | Supported by design |
| SN-IPV54/12DR                                                                                    | refer to SN-IPD54/12VDN                        | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -     | -            | Yes*                | Supported by design |
| SN-IPV54/12UDN                                                                                   | refer to SN-IPD54/12VDN                        | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -     | -            | Yes*                | Supported by design |
| SN-IPV54/12UDR                                                                                   | refer to SN-IPD54/12VDN                        | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -     | -            | Yes*                | Supported by design |
| SN-IPV54/12ZDR                                                                                   | refer to SN-IPD54/12VDN                        | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -     | -            | Yes*                | Supported by design |
| SN-IPV54/14UDR                                                                                   | refer to IPD54/12VDN (v1.6_build044014_106)    | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -     | -            | Yes*                | Supported by design |
| SN-IPV54/14ZDR                                                                                   | refer to IPD54/12VDN (v1.6_build044014_106)    | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | -     | -            | Yes*                | Supported by design |
| SN-IPV54/31UDN                                                                                   | v1.6_build044014_137                           | H.264 M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | -     | -            | Yes*                |                     |
| Note: SN-IPV54/31UDN FW issue: Camera will reboot when MJPEG 2048x1536, 1920x1080 and quality 9. |                                                |              |          |                |       |        |     |                |       |              |                     |                     |
| SN-IPV54/31UDR                                                                                   | refer to SN-IPV54/31UDN (v1.6_build044014_137) | H.264 M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | -     | -            | Yes*                | Supported by design |

## Sunell



- : not available on camera

\*1: not available on software

\*2: not test on software

Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

| Device Name           | Tested Firmware                                                                                                                                                                                          | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | ONVIF Search | Dual Stream Support | Remarks             |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|--------------|---------------------|---------------------|
| <b>SN-IPV54/31ZDR</b> | refer to SN-IPV54/31UDR (v1.6_build044014_137)                                                                                                                                                           | H.264 M-JPEG | 1        | 2048x1536      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| <b>SN-IPV54/40UDN</b> | refer to SN-IPC54/40EDN (v1.6_build044014_137)                                                                                                                                                           | H.264 M-JPEG | 1        | 2592x1920      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| <b>SN-IPV54/40UDR</b> | refer to SN-IPC54/40EDN (v1.6_build044014_137)                                                                                                                                                           | H.264 M-JPEG | 1        | 2592x1920      | 1-way | 1/1    | Yes | Yes            | -    | -            | Yes*                | Supported by design |
| <b>SN-IPV54/50DN</b>  |                                                                                                                                                                                                          | H.264 M-JPEG | 1        | 1280x720       | 1-way | -      | -   | Yes            | -    | Yes          | -                   | Supported by design |
| <b>SN-IPV54/50DR</b>  |                                                                                                                                                                                                          | H.264 M-JPEG | 1        | 1280x720       | 1-way | -      | -   | Yes            | -    | Yes          | -                   | Supported by design |
| <b>VSR54/01</b>       | v1.6_build044014_026                                                                                                                                                                                     | H.264 M-JPEG | 1        | D1             | 1-way | 2-1    | Yes | Yes            | -    | -            | Yes*                |                     |
| Note:                 | IPS54/70DN/ZR18: Changing MJPEG resolution may get Fail message due to camera FW issue.                                                                                                                  |              |          |                |       |        |     |                |      |              |                     |                     |
| Note:                 | SN-IPD54/12VDN: Can't test DI due to HW broken.                                                                                                                                                          |              |          |                |       |        |     |                |      |              |                     |                     |
| <b>Note:</b>          | SN-IPC54/40EDN<br>1. MJPEG 2592x1920 by camera FW issue.<br>2. Camera will reboot when MJPEG 2048x1536 and quality 9 by camera FW issue.                                                                 |              |          |                |       |        |     |                |      |              |                     |                     |
| Note:                 | SN-IPS54/60DN/Z18/WI:<br>1. Audio, MD, PTZ function only test by SN-IPS54/60DN/Z18/WI and v1.6_build044013_040 firmware.<br>2. Dualstream may not connect sometimes when accessing camera too frequency. |              |          |                |       |        |     |                |      |              |                     |                     |
| Note:                 | SN-IPV54/50DR: Implement with ONVIF protocol v1.02.                                                                                                                                                      |              |          |                |       |        |     |                |      |              |                     |                     |
| Note:                 | Due to the limitation of ONVIF protocol, ONVIF search works only as cameras keep default administrator name and password.                                                                                |              |          |                |       |        |     |                |      |              |                     |                     |
| Note:                 | Do not support I/O due to camera FW limitation.                                                                                                                                                          |              |          |                |       |        |     |                |      |              |                     |                     |
| Note:                 | VSR54/01:<br>1. Autodetect fail due to camera FW issue.<br>2. Changing MJPEG resolution may get Fail message due to camera FW issue.<br>3. DI can't work correctly due to camera FW issue.               |              |          |                |       |        |     |                |      |              |                     |                     |

## Telview



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware | Video Format    | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-----------------|-----------------|-----------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| IPB612P-ICR     | 1.0.32          | M-JPEG<br>H.264 | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| IPB630P-ICR     | 1.0.32          | M-JPEG<br>H.264 | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| IPD612-VP-VF-IR | 1.0.32          | M-JPEG<br>H.264 | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| IPD630-VP-VF-IR | 1.0.32          | M-JPEG<br>H.264 | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| IPE600          | 1.0.32          | M-JPEG<br>H.264 | 1        | 640x480        | 1-way | 0/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| IPW612          | 1.0.32          | M-JPEG<br>H.264 | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| IPW630          | 1.0.32          | H.264<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| IPW630P         | 1.0.32          | H.264<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| IPZ611          | 1.0.32          | H.264<br>M-JPEG | 1        | 720x576        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| VIS611          | 1.0.32          | H.264<br>M-JPEG | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| VIS614          | 1.0.32          | H.264<br>M-JPEG | 4        | 720x480        | 1-way | 4/4    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| VIT621          | 1.0.32          | H.264<br>M-JPEG | 1        | 720x576        | 1-way | 2/2    | Yes | Yes            | Yes  | Yes*                | Supported by design |

## Techson



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name        | Tested Firmware                                                                                                                                                                                                                                                  | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| TCIP-213WDRMDN     |                                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>MJPEG  | 1        | 720P           | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| TCIP-220MDN        |                                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>MJPEG  | 1        | 1080P          | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| TCIP-230WDRMDN     |                                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>MJPEG  | 1        | 3M             | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| TCIP-D213WDRDN     |                                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>MJPEG  | 1        | 720P           | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| TC-IP213WS         | CgWT505PSV<br>2N01 V26<br>130508CE                                                                                                                                                                                                                               | H.264<br>MPEG4<br>MJPEG  | 1        | 960x480        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:              | 1. Can't trigger motion alarm under H.264 1fps.<br>2. Can't search camera by UPnP when change http port except 80.<br>3. H.264 Fps may not enough under TCP high quality and framerate settings.                                                                 |                          |          |                |       |        |     |                |      |                     |                     |
| TCIP-D220DN        |                                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>MJPEG  | 1        | 1080P          | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| TCIP-D230WDRDN     |                                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>MJPEG  | 1        | 3M             | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| TCIP-LD213WDRMDN   |                                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>MJPEG  | 1        | 720P           | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| TCIP-LD220MDN      |                                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>MJPEG  | 1        | 1080P          | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| TCIP-LD230WDRMDN   |                                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>MJPEG  | 1        | 3M             | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| TCIP-LPro213WDRMDN |                                                                                                                                                                                                                                                                  | H.264<br>MPEG4<br>MJPEG  | 1        | 720P           | 1-way | 1/1    | Yes | Yes            | -    | Yes*                | Supported by design |
| TCIP-Typ213MDN22x  | AgWT813132<br>2N01 V30<br>1302255F                                                                                                                                                                                                                               | MPEG4<br>M-JPEG<br>H.264 | 1        | 1280x1024      | *1    | *1     | Yes | Yes            | Yes  | Yes*                |                     |
| Note:              | 1. Not support auto detection<br>2. Not support DI/DO and audio<br>3. Not support setup PTZ speed<br>4. Video stream will have low frame rate with high quality under MJPEG.<br>5. Not support UPnP search<br>6. The frame rate is no sync with web under MJPEG. |                          |          |                |       |        |     |                |      |                     |                     |

## Tiandy



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware     | Video Format                                  | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-----------------|---------------------|-----------------------------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| TC-NH9106S2-MP  | NVSSv3.0.1_20120619 | H.264 MJPEG                                   | 1        | 1280x720       | 1-way | -      | yes | -              | -    | -                   |         |
| Note:           |                     | Not support Dualstream, ONVIF event (MD, I/O) |          |                |       |        |     |                |      |                     |         |
| TC-NS324S2-V2.1 | NVSSv3.0.1_20120619 | H.264 MJPEG                                   | 4        | 704x288        | 1-way | -      | -   | -              | -    | -                   |         |

## Toshiba

**TOSHIBA**

Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-------------|-----------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| IKWB21A     | 2.09.E.200.121  | M-JPEG       | 1        | 1280x960       | 1-way | -      | Yes | -              | -    | -                   |         |
| IKWB70A     | 0100e           | MPEG4 M-JPEG | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |
| IKWD01A     | 0100a           | MPEG4 M-JPEG | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |

## TRUEN



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name     | Tested Firmware                                                                                                                                                                                | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| <b>TCS-200</b>  | Enc: V1.104A-035                                                                                                                                                                               | H.264        | 1        | 720x576        | 1-way | 2/2    | Yes | Yes            | -    | Yes*                |         |
| <b>TCS-2000</b> | Enc: V1.103C-005                                                                                                                                                                               | H.264 MJPEG  | 1        | 1920x1080      | 1-way | 2/2    | Yes | Yes            | -    | Yes*                |         |
| <b>TCS-300</b>  | Enc: V1.103C-005                                                                                                                                                                               | H.264 MJPEG  | 1        | 720x576        | 1-way | 2/2    | Yes | Yes            | -    | Yes*                |         |
| <b>TCAM-3xx</b> | Enc: V1.103C-005                                                                                                                                                                               | H.264 MJPEG  | 1        | 720x576        | 1-way | 0/0    | Yes | Yes            | -    | Yes*                |         |
| Note:           | 1. TCAM-330, TCAM-351 and TCAM-370 are compatible with TCAM-3xx<br>2. Do not support NTSC on TCAM-3xx.                                                                                         |              |          |                |       |        |     |                |      |                     |         |
| <b>TCAM-530</b> | Enc: V1.103C-005                                                                                                                                                                               | H.264 MJPEG  | 1        | 1920x1280      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |         |
| <b>TCAM-531</b> | Enc: V1.103C-005                                                                                                                                                                               | H.264 MJPEG  | 1        | 1280x960       | 1-way | 1/1    | -   | Yes            | -    | Yes*                |         |
| Note:           | TCAM-531, TCAM-531BIR and TCAM-551 are compatible with TCAM-531/531BIR/551                                                                                                                     |              |          |                |       |        |     |                |      |                     |         |
| <b>TCAM-540</b> | Enc: V1.103C-006                                                                                                                                                                               | H.264 MJPEG  | 1        | 1920x1280      | 1-way | 1/1    | -   | Yes            | -    | Yes*                |         |
| Note:           | Get severe broken image at the highest resolution 1920x1280, which will be improved in future new camera FW. (approx. three months later)                                                      |              |          |                |       |        |     |                |      |                     |         |
| <b>TCAM-570</b> | Enc: V1.103A-031                                                                                                                                                                               | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 2/2    | Yes | Yes            | -    | Yes*                |         |
| Note:           | The resolution for dual stream is 352x240, however, the quality is bad on 352x240 by connecting through HTTP. Please switch to other protocols.                                                |              |          |                |       |        |     |                |      |                     |         |
| Note:           | All cameras: The video @ H.264 with TCP protocol is not smooth in the conditions of high resolution, fps and bitrate, which will be improved in future camera FW. (approx. three months later) |              |          |                |       |        |     |                |      |                     |         |

| UDP                                                                                                                                                                              |                               |                          |          |                |       |        |     |                |      |                     |                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
|  Dual stream support Yes*: support JPEG format<br>Dual stream support Yes: support H.264 format |                               |                          |          |                |       |        |     |                |      |                     |                     |
| Device Name                                                                                                                                                                      | Tested Firmware               | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
| IPE1100                                                                                                                                                                          |                               | H.264<br>MPEG4<br>M-JPEG | 1        | 720x582        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| IPE3100                                                                                                                                                                          |                               | H.264<br>MPEG4<br>M-JPEG | 1        | 768x576        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| IPE3500                                                                                                                                                                          |                               | H.264<br>MPEG4<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| IPE3500M                                                                                                                                                                         | 1.6.7                         | H.264<br>MPEG4<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| IPE4100                                                                                                                                                                          | 1.6.6                         | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576        | 1-way | 4/2    | Yes | Yes            | Yes  | Yes*                |                     |
| IPE5500                                                                                                                                                                          |                               | H.264<br>MPEG4<br>M-JPEG | 1        | 752x582        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| IPE6500                                                                                                                                                                          |                               | H.264<br>MPEG4<br>M-JPEG | 1        | 752x582        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| IPE7500                                                                                                                                                                          |                               | H.264<br>MPEG4<br>M-JPEG | 1        | 752x582        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| IPN100HD                                                                                                                                                                         | 1.4.0.11                      | H.264<br>M-JPEG          | 1        | 1280x720       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| IPN1202HD                                                                                                                                                                        | Refer to IPN3502HD (1.4.0.11) | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| IPN2102HD                                                                                                                                                                        | Refer to IPN3502HD (1.4.0.11) | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| IPN302HD                                                                                                                                                                         | Refer to IPN3502HD (1.4.0.11) | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| IPN3102HD                                                                                                                                                                        | Refer to IPN3502HD (1.4.0.11) | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| IPN3202HD                                                                                                                                                                        | Refer to IPN3502HD (1.4.0.11) | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| IPN3502HD                                                                                                                                                                        | 1.4.0.11                      | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| IPN3502HD IR                                                                                                                                                                     | Refer to IPN3502HD (1.4.0.11) | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| IPN4602HD                                                                                                                                                                        | Refer to IPX4202HD (1.4.1.8)  | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| IPN6602HD                                                                                                                                                                        | Refer to IPN3502HD (1.4.0.11) | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| IPN6802HD                                                                                                                                                                        | Refer to IPN3502HD (1.4.0.11) | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |



| UDP                                                                               |                                                                                                                                                                                                              |                                                                                                |          |                |       |        |     |                |      |                     |         |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
|  |                                                                                                                                                                                                              | Dual stream support Yes*: support JPEG format<br>Dual stream support Yes: support H.264 format |          |                |       |        |     |                |      |                     |         |
| Device Name                                                                       | Tested Firmware                                                                                                                                                                                              | Video Format                                                                                   | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
| IPX3302HD                                                                         | Refer to IPN3502HD (1.4.0.11)                                                                                                                                                                                | H.264 M-JPEG                                                                                   | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |
| IPX3702HD                                                                         | Refer to IPN3502HD (1.4.0.11)                                                                                                                                                                                | H.264 M-JPEG                                                                                   | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |         |
| IPX4202HD                                                                         | 1.4.1.8                                                                                                                                                                                                      | H.264 M-JPEG                                                                                   | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |         |
| NVC1000                                                                           | 1.6.7                                                                                                                                                                                                        | H.264 MPEG4 M-JPEG                                                                             | 1        | 720x576        | 1-way | 2/2    | Yes | Yes            | Yes  | Yes*                |         |
| NVC4000                                                                           | 1.6.7                                                                                                                                                                                                        | H.264 MPEG4 M-JPEG                                                                             | 1        | 720x576        | 1-way | 2/1    | Yes | Yes            | Yes  | Yes*                |         |
| Note:                                                                             | 1. NVC4000 is 4IP x 4channels video server<br>2. NVC4000-R12 and NVC4000-R40 are compatible with NVC4000                                                                                                     |                                                                                                |          |                |       |        |     |                |      |                     |         |
| Note:                                                                             | UDP cameras are likely disconnected if configuring camera parameter frequently. This is the known issue from camera vendor. When encountering this issue, please reboot the camera.                          |                                                                                                |          |                |       |        |     |                |      |                     |         |
| Note:                                                                             | UDP cameras are likely disconnected if setting up highest quality. This is the known issue from camera vendor. When encountering this issue, please reboot the camera, and do not set up this configuration. |                                                                                                |          |                |       |        |     |                |      |                     |         |

## Videosec



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name    | Tested Firmware                                                                                                                                                                                                            | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks                |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|------------------------|
| <b>IBF-211</b> | 5.0.2.3874                                                                                                                                                                                                                 | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                        |
| <b>ICS-13</b>  | CCD-cameraFw-100811P<br>et20110215NS                                                                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x960       | 1-way | 1/1    | -   | Yes            | -    | Yes*                |                        |
| <b>ICS-20F</b> | et20110215ANS                                                                                                                                                                                                              | MJPEG<br>H2.64           | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                        |
| Note:          | With HW restrictions, the video @ H.264 with TCP protocol is not smooth in the second and third high resolution.                                                                                                           |                          |          |                |       |        |     |                |      |                     |                        |
| <b>ICS-20W</b> |                                                                                                                                                                                                                            | MPEG4<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design    |
| <b>ID-20</b>   | et20110215ANS                                                                                                                                                                                                              | MJPEG<br>H2.64           | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes*                |                        |
| Note:          | With HW restrictions, the video @ H.264 with TCP protocol is not smooth in the second and third high resolution.                                                                                                           |                          |          |                |       |        |     |                |      |                     |                        |
| <b>IDA-210</b> |                                                                                                                                                                                                                            | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Tested by manufacturer |
| <b>IP-206M</b> | 5.a.2.4031                                                                                                                                                                                                                 | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | -      | -   | Yes            | Yes  | Yes*                |                        |
| <b>IRD-20W</b> |                                                                                                                                                                                                                            | MPEG4<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design    |
| <b>IRW-20W</b> |                                                                                                                                                                                                                            | MPEG4<br>M-JPEG          | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design    |
| <b>IS-240</b>  |                                                                                                                                                                                                                            | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Tested by manufacturer |
| Note:          | To solve the disconnection problems on SXGA resolution with quality 99 and 100, please upgrade to the following FW, which is certified by manufacturer.<br>IBF-211 and IDA-210: 5.0.2.4437; IP-206M and IS-240: 5.a.2.4441 |                          |          |                |       |        |     |                |      |                     |                        |

## Vitek



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name         | Tested Firmware                                                                                                                                                                                                                                                                   | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>VT-20VN-M</b>    | 4.18-B1-ds                                                                                                                                                                                                                                                                        | H264 MJPEG   | 1        | 1920x1080      | -     | -      | -   | Yes            | *1   | Yes*                |                     |
| Note:               | 1. Only support rtsp port 554 by camera firmware issue.<br>2. Only integrate NTSC mode.<br>3. Framerate may not enough under high resolution, framerate and quality settings.<br>4. Not support UPnP due to camera firmware issue.                                                |              |          |                |       |        |     |                |      |                     |                     |
| <b>VTC-IR401</b>    | 4.18-B1-ds                                                                                                                                                                                                                                                                        | H264 MJPEG   | 1        | 1280x720       | 1-way | 1/1    | -   | Yes            | *1   | Yes*                |                     |
| Note:               | 1. Only support rtsp port 554 by camera firmware issue.<br>2. Only integrate NTSC mode.<br>3. Audio will be discontinuous under fps 1.<br>4. Framerate may not enough under high resolution, framerate and quality settings.<br>5. Not support UPnP due to camera firmware issue. |              |          |                |       |        |     |                |      |                     |                     |
| <b>VTC-IR402</b>    | 4.18-B1-ds                                                                                                                                                                                                                                                                        | H264 MJPEG   | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | *1   | Yes*                |                     |
| Note:               | 1. Only support rtsp port 554 by camera firmware issue.<br>2. Only integrate NTSC mode.<br>3. Audio will be discontinuous under fps 1.<br>4. Framerate may not enough under high resolution, framerate and quality settings.<br>5. Not support UPnP due to camera firmware issue. |              |          |                |       |        |     |                |      |                     |                     |
| <b>VTD-134FNIB</b>  | Refer to VTD-13FN(FW 4.18-B1-ds)                                                                                                                                                                                                                                                  | H264 MJPEG   | 1        | 1280x1024      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |
| <b>VTD-134FNIBP</b> | Refer to VTD-13FN(FW 4.18-B1-ds)                                                                                                                                                                                                                                                  | H264 MJPEG   | 1        | 1280x1024      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |
| <b>VTD-134FNIWP</b> | Refer to VTD-13FN(FW 4.18-B1-ds)                                                                                                                                                                                                                                                  | H264 MJPEG   | 1        | 1280x1024      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |
| <b>VTD-13FN</b>     | 4.18-B1-ds                                                                                                                                                                                                                                                                        | H264 MJPEG   | 1        | 1280x1024      | -     | -      | -   | Yes            | *1   | Yes*                |                     |
| Note:               | 1. Only support rtsp port 554 by camera firmware issue.<br>2. Only integrate NTSC mode.<br>3. Framerate may not enough under high resolution, framerate and quality settings.<br>4. Not support UPnP due to camera firmware issue.                                                |              |          |                |       |        |     |                |      |                     |                     |

## Vitek



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name             | Tested Firmware                  | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------------------|----------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>VTD-13V210NIB</b>    | Refer to VTD-13FN(FW 4.18-B1-ds) | H264 MJPEG   | 1        | 1280x1024      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |
| <b>VTD-13V210NIB P</b>  | Refer to VTD-13FN(FW 4.18-B1-ds) | H264 MJPEG   | 1        | 1280x1024      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |
| <b>VTD-13V210NIW</b>    | Refer to VTD-13FN(FW 4.18-B1-ds) | H264 MJPEG   | 1        | 1280x1024      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |
| <b>VTD-13V210NIW P</b>  | Refer to VTD-13FN(FW 4.18-B1-ds) | H264 MJPEG   | 1        | 1280x1024      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |
| <b>VTD-20V210NIB</b>    | Refer to VT-20VN-M(FW4.18-B1-ds) | H264 MJPEG   | 1        | 1920x1080      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |
| <b>VTD-20V210NIB P</b>  | Refer to VT-20VN-M(FW4.18-B1-ds) | H264 MJPEG   | 1        | 1280x1024      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |
| <b>VTD-20V210NIW</b>    | Refer to VT-20VN-M(FW4.18-B1-ds) | H264 MJPEG   | 1        | 1280x1024      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |
| <b>VTD-MV13V210NBP</b>  | Refer to VTD-13FN(FW 4.18-B1-ds) | H264 MJPEG   | 1        | 1280x1024      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |
| <b>VTD-MV13V210NP</b>   | Refer to VTD-13FN(FW 4.18-B1-ds) | H264 MJPEG   | 1        | 1280x1024      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |
| <b>VTD-MV13VR210NBP</b> | Refer to VTD-13FN(FW 4.18-B1-ds) | H264 MJPEG   | 1        | 1280x1024      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |
| <b>VTD-MV13VR210NP</b>  | Refer to VTD-13FN(FW 4.18-B1-ds) | H264 MJPEG   | 1        | 1280x1024      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |
| <b>VTD-MV20V210NBP</b>  | Refer to VT-20VN-M(FW4.18-B1-ds) | H264 MJPEG   | 1        | 1920x1080      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |
| <b>VTD-MV20V210NP</b>   | Refer to VT-20VN-M(FW4.18-B1-ds) | H264 MJPEG   | 1        | 1920x1080      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |

## Vitek



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name              | Tested Firmware                                                                                                                                                                                                                                                                                                                                            | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>VTD-MV20VR210 NBP</b> | Refer to VT-20VN-M(FW4.18-B1-ds)                                                                                                                                                                                                                                                                                                                           | H264 MJPEG   | 1        | 1920x1080      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |
| <b>VTD-MV20VR210 NP</b>  | Refer to VT-20VN-M(FW4.18-B1-ds)                                                                                                                                                                                                                                                                                                                           | H264 MJPEG   | 1        | 1920x1080      | -     | -      | -   | Yes            | *1   | Yes*                | Supported by design |
| <b>VT-PTZ220</b>         | Refer to VT-PTZ220NP(FW4.18-B1-ds)                                                                                                                                                                                                                                                                                                                         | H264 MJPEG   | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | *1   | Yes*                | Supported by design |
| <b>VT-PTZ220NP</b>       | 4.18-B1-ds                                                                                                                                                                                                                                                                                                                                                 | H264 MJPEG   | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | *1   | Yes*                |                     |
| Note:                    | 1. Only support rtsp port 554 by camera firmware issue.<br>2. Only integrate NTSC mode.<br>3. Audio will be discontinuous under fps 1.<br>4. Framerate may not enough under high resolution, framerate and quality settings.<br>5. Not support UPnP due to camera firmware issue.<br>6. Preset, preset name and ptz speed can't synchronize to camera web. |              |          |                |       |        |     |                |      |                     |                     |

## Vision Hi-Tech



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name          | Tested Firmware                                                                                                                                                                                                                                                                                                                                                     | Video Format  | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| <b>VISION i</b>      | IP VISION<br>1.1.0.16<br>20120316                                                                                                                                                                                                                                                                                                                                   | MJPEG<br>H264 | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | -    | Yes*                |         |
| Note:                | VISION i Camera : Sometimes audio from machine would fail, but there is chance to recover after reboot. (Hardware issue)                                                                                                                                                                                                                                            |               |          |                |       |        |     |                |      |                     |         |
| <b>Vision Mi</b>     | 1.1.2.46                                                                                                                                                                                                                                                                                                                                                            | MJPEG<br>H264 | 1        | 1280x720       | 1-way | 1/1    | -   | Yes            | -    | Yes*                |         |
| Note:                | 1. Does not support Quality with MJPEG. (camera firmware issue)<br>2. When setup maximum setting of camera parameters, the real FPS could not reach original value on Web, such as 15 fps of H.264 within 1920x1080, 30 fps, and 7 quality; 5~6 fps of MJPEG within 1280x720, 30fps<br>3. Does not support audio setup                                              |               |          |                |       |        |     |                |      |                     |         |
| <b>VISION M3i</b>    | 1.1.2.46                                                                                                                                                                                                                                                                                                                                                            | MJPEG<br>H264 | 1        | 1920x1080      | -     | 1/0    | Yes | Yes            | -    | Yes*                |         |
| Note:                | 1. Some M3i sub modeltype like VN7XSM3i has support PTZ. But VDA110SM3i not.<br>2. Does not support Quality with MJPEG. (camera firmware issue)<br>3. When setup maximum setting of camera parameters, the real FPS could not reach original value on Web, such as 15 fps of H.264 within 1920x1080, 30 fps, and 7 quality; 5~6 fps of MJPEG within 1280x720, 30fps |               |          |                |       |        |     |                |      |                     |         |
| <b>VISION NVS102</b> | IP VISION<br>1.1.0.16<br>20120316                                                                                                                                                                                                                                                                                                                                   | MJPEG<br>H264 | 1        | 720x480        | 1-way | 1/1    | Yes | Yes            | -    | Yes*                |         |
| Note:                | VISION NVS102:<br>Support both of NTSC/PAL, but can be switched only on camera web.<br>Need to reboot camera after switched NTSC/PAL, then MainConsole will detect correct responding resolution.<br>PTZ speed : pan setting = tilt setting. Change one of pan or tilt, and then the other will change, too.                                                        |               |          |                |       |        |     |                |      |                     |         |
| <b>Vision SM3Ti</b>  | 1.1.4.1<br>20130816                                                                                                                                                                                                                                                                                                                                                 | H264          | 1        | QXGA           | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 |         |
| Note:                | 1. It can not use Autofocus function. (camera firmware issue)<br>2. It will not support audio setup. (camera firmware issue)                                                                                                                                                                                                                                        |               |          |                |       |        |     |                |      |                     |         |

## Vista



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                                                                                             | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| VK2-1080VRD | 2.2.64                                                                                                                                                                      | H.264 M-JPEG | 1        | 1920x1080      | 1-way | 2/0    | -   | Yes            | Yes  | Yes*                |         |
| VK2-2MPVRD  | 2.2.64                                                                                                                                                                      | H.264 M-JPEG | 1        | 1600x1200      | 1-way | 2/0    | -   | Yes            | Yes  | Yes*                |         |
| Note:       | VK2-1080VRD/VK2-2MPVRD: on-edge motion of video with M-JPEG codec works only as stream 1 is enabled on camera web.                                                          |              |          |                |       |        |     |                |      |                     |         |
| Note:       | VK2-1080VRD/VK2-2MPVRD: camera may be disconnected if users configure format as H.264 on one NVR and configure format M-JPEG on another.                                    |              |          |                |       |        |     |                |      |                     |         |
| VK2-540VRD  | 2.1.8-release                                                                                                                                                               | H.264 MPEG4  | 1        | 704x576        | 1-way | 1/0    | -   | Yes            | Yes  | Yes*                |         |
| VK2-600PTZ  | 2.1.8-release                                                                                                                                                               | H.264 MPEG4  | 1        | 704x576        | 1-way | 1/0    | Yes | Yes            | Yes  | Yes*                |         |
| Note:       | The operation of setting preset point is special because setting password is a must. We suggest users finish preset point settings on camera web.                           |              |          |                |       |        |     |                |      |                     |         |
| VK2-VGAVFD  | 1.7.4-T2_release                                                                                                                                                            | H.264 MPEG4  | 1        | 640x480        | -     | 1/0    | -   | Yes            | Yes  | Yes*                |         |
| Note:       | All cameras: modifying parameter frequently may lead to camera shutdown due to slow CGI response.                                                                           |              |          |                |       |        |     |                |      |                     |         |
| Note:       | All cameras: the port value we get is always 80 via UPnP search, which implies the cameras would be disconnected if users change HTTP port to another number on camera web. |              |          |                |       |        |     |                |      |                     |         |

## VIVOTEK



Dual stream support Yes\*: support MPEG4 format  
Dual stream support Yes: support H.264 format

| Device Name    | Tested Firmware                        | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|----------------|----------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>AF5127</b>  | Refer to FE8172 (FW FE8172-VVTK-0100f) | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1920      | 1-way | *2     | -   | Yes            | *2   | Yes                 | Supported by design |
| <b>AF5127V</b> | Refer to FE8172 (FW FE8172-VVTK-0100f) | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1920      | 1-way | *2     | -   | Yes            | *2   | Yes                 | Supported by design |
| Note:          | AF5127 and AF5127V are fisheye camera  |                          |          |                |       |        |     |                |      |                     |                     |
| <b>AB5353H</b> | Refer to IP8335H (FW 0100h)            | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | *2     | -   | Yes            | *2   | Yes                 | Supported by design |
| <b>BB5315</b>  | Refer to IP8332                        | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | -     | 1/0    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>BB5116</b>  | Refer to IP8161                        | H.264<br>MPEG4<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| <b>BD5115</b>  | Refer to FD8134                        | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | -     | 1/0    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>CC8130</b>  | 0100d                                  | H.264<br>M-JPEG          | 1        | 1280x800       | 1-way | 0/0    | -   | Yes            | Yes  | Yes                 |                     |
| Note:          | fisheye camera                         |                          |          |                |       |        |     |                |      |                     |                     |
| <b>FD61x2</b>  |                                        | MPEG4<br>M-JPEG          | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| <b>FD7130</b>  | 0100e                                  | MPEG4<br>M-JPEG          | 1        | 640x480        | -     | -      | -   | Yes            | Yes  | Yes*                |                     |
| <b>FD7131</b>  |                                        | MPEG4<br>M-JPEG          | 1        | 720x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>FD7132</b>  | 0100f                                  | MPEG4<br>M-JPEG          | 1        | 640x480        | -     | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>FD7141</b>  | 0100g                                  | MPEG4<br>M-JPEG          | 1        | 720x480        | -     | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:          | MPEG4: Unable to connect through HTTP. |                          |          |                |       |        |     |                |      |                     |                     |
| <b>FD7160</b>  |                                        | MPEG4<br>M-JPEG          | 1        | 1600x1200      | -     | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>FD8131</b>  | Refer to FD8133                        | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | -     | 1/0    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>FD8131V</b> | 0300d                                  | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | -     | *2     | -   | Yes            | *2   | Yes                 |                     |
| <b>FD8133</b>  | Refer to FD8134                        | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | -     | 1/0    | -   | Yes            | Yes  | Yes                 | Supported by design |
| Note:          | FD8133V are compatible with FD8133     |                          |          |                |       |        |     |                |      |                     |                     |



# Titan NVR Supported Camera List



DP v2.17\_release date\_2013.09

## VIVOTEK



Dual stream support Yes\*: support MPEG4 format  
Dual stream support Yes: support H.264 format

| Device Name    | Tested Firmware                                                     | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|----------------|---------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>FD8134</b>  | 0100e                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | -     | 1/0    | -   | Yes            | Yes  | Yes                 |                     |
| Note:          | FD8134-SS and FD8134V are compatible with FD8134                    |                          |          |                |       |        |     |                |      |                     |                     |
| <b>FD8135H</b> | 0100e                                                               | MPEG4<br>M-JPEG<br>H.264 | 1        | 1280x800       | -     | 3/1    | -   | Yes            | Yes  | Yes                 |                     |
| Note:          | FW will casue I/O status incorrect                                  |                          |          |                |       |        |     |                |      |                     |                     |
| <b>FD8136</b>  | 0100f                                                               | MPEG4<br>M-JPEG<br>H.264 | 1        | 1280x800       | 1-way | 1/0    | Yes | Yes            | Yes  | Yes                 | Tested by link      |
| <b>FD8151V</b> | 0100c                                                               | H.264<br>M-JPEG          | 1        | 1280x1024      | 1-way | *2     | -   | Yes            | *2   | Yes                 | Tested by link      |
| <b>FD8161</b>  | 0100h                                                               | MPEG4<br>M-JPEG<br>H.264 | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| <b>FD8162</b>  | Refer to FD8362                                                     | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| <b>FD8163</b>  | 0101b                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | *2     | -   | Yes            | *2   | Yes                 | Tested by link      |
| <b>FD8166</b>  | 0100g                                                               | H.264<br>M-JPEG          | 1        | 1920x1080      | 1-way | *2     | -   | Yes            | *2   | Yes                 |                     |
| <b>FD8335H</b> | 0101a                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 1200x800       | 1-way | 3/1    | -   | Yes            | Yes  | Yes                 | Tested by link      |
| <b>FD8361</b>  | 0100d1                                                              | H.264<br>MPEG5<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| Note:          | FD8361L are compatible with FD8361                                  |                          |          |                |       |        |     |                |      |                     |                     |
| <b>FD8362</b>  | 0100f                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 |                     |
| <b>FD8362E</b> | Refer to FD8362                                                     | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| <b>FD8363</b>  | 0101b                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | *2     | -   | Yes            | *2   | Yes                 | Tested by link      |
| <b>FD8372</b>  | 0100f                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 2580x1920      | 1-way | 3/1    | -   | Yes            | Yes  | Yes                 | Tested by link      |
| Note:          | Mpeg4 support first 2 maximum resolutions are 1920x1920 & 1920x1536 |                          |          |                |       |        |     |                |      |                     |                     |
| <b>FE8171</b>  | 0100d                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| Note:          | fisheye camera                                                      |                          |          |                |       |        |     |                |      |                     |                     |
| <b>FE8172</b>  | FE8172-VVTK-0100f                                                   | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1920      | 1-way | 1/1    | -   | -              | -    | Yes                 |                     |

## VIVOTEK



Dual stream support Yes\*: support MPEG4 format  
Dual stream support Yes: support H.264 format

| Device Name    | Tested Firmware                                                                                                                                                                                                                                                                                                                                                               | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| Note:          | 1. Not support CBR mode<br>2. MJPEG not support audio<br>3. Not support AAC audio<br>4. When resolution is 1360x786, video stream would have a white line at the left-bottom of the frame.<br>5. If set to Full HD mode, the low profile video stream would have a color line at the bottom of frame.<br>6. Link can not test UPnP and motion detection.<br>7. Fisheye camera |                          |          |                |       |        |     |                |      |                     |                     |
| <b>FE8172V</b> | Refer to FE8172 (FW FE8172-VVTK-0100f)                                                                                                                                                                                                                                                                                                                                        | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1920      | 1-way | *2     | -   | -              | *2   | Yes                 |                     |
| <b>FE8173</b>  | 0100c                                                                                                                                                                                                                                                                                                                                                                         | H.264<br>MPEG4<br>M-JPEG | 1        | 1536x1536      | 1-way | *2     | -   | Yes            | *2   | Yes                 |                     |
| Note:          | fisheye camera                                                                                                                                                                                                                                                                                                                                                                |                          |          |                |       |        |     |                |      |                     |                     |
| <b>Generic</b> | 0101b                                                                                                                                                                                                                                                                                                                                                                         | H.264<br>MPEG4<br>M-JPEG | 1        | All            | 1-way | 8/8    | Yes | Yes            | Yes  | Yes                 |                     |
| <b>IP21x1</b>  |                                                                                                                                                                                                                                                                                                                                                                               | M-JPEG                   | 1        | 720x576        | -     | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| <b>IP21x2</b>  |                                                                                                                                                                                                                                                                                                                                                                               | M-JPEG                   | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| <b>IP51x2</b>  |                                                                                                                                                                                                                                                                                                                                                                               | MPEG4                    | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| <b>IP51x4</b>  |                                                                                                                                                                                                                                                                                                                                                                               | MPEG4                    | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| <b>IP6114</b>  |                                                                                                                                                                                                                                                                                                                                                                               | MPEG4<br>M-JPEG          | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| <b>IP6124</b>  |                                                                                                                                                                                                                                                                                                                                                                               | MPEG4<br>M-JPEG          | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| <b>IP61x2</b>  |                                                                                                                                                                                                                                                                                                                                                                               | MPEG4<br>M-JPEG          | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| <b>IP61x4</b>  |                                                                                                                                                                                                                                                                                                                                                                               | MPEG4<br>M-JPEG          | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| <b>IP61X7</b>  |                                                                                                                                                                                                                                                                                                                                                                               | MPEG4<br>M-JPEG          | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| <b>IP7130</b>  | 0100c                                                                                                                                                                                                                                                                                                                                                                         | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>IP7131</b>  |                                                                                                                                                                                                                                                                                                                                                                               | MPEG4                    | 1        | 704x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| <b>IP7132</b>  |                                                                                                                                                                                                                                                                                                                                                                               | MPEG4                    | 1        | 704x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |

## VIVOTEK



Dual stream support Yes\*: support MPEG4 format  
Dual stream support Yes: support H.264 format

| Device Name   | Tested Firmware                        | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|---------------|----------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>IP7133</b> | 0100b                                  | MPEG4 M-JPEG | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>IP7134</b> | 0100b                                  | MPEG4 M-JPEG | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>IP7135</b> |                                        | MPEG4        | 1        | 704x576        | 1-way | -      | -   | Yes            | Yes  | -                   | Supported by design |
| <b>IP7137</b> |                                        | MPEG4        | 1        | 704x576        | 1-way | -      | -   | Yes            | Yes  | -                   | Supported by design |
| <b>IP7138</b> | 0101h                                  | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>IP7139</b> |                                        | MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>IP7142</b> |                                        | MPEG4 M-JPEG | 1        | 704x576        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>IP7151</b> |                                        | MPEG4 M-JPEG | 1        | 704x576        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>IP7152</b> |                                        | MPEG4 M-JPEG | 1        | 704x576        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>IP7153</b> |                                        | MPEG4 M-JPEG | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>IP7154</b> | 0100b                                  | MPEG4 M-JPEG | 1        | 640x480        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>IP7160</b> | 0101b                                  | MPEG4 M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:         | IP7160-SS is compatible with IP7160    |              |          |                |       |        |     |                |      |                     |                     |
| <b>IP7161</b> |                                        | MPEG4 M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| Note:         | IP7161-SS is compatible with IP7161    |              |          |                |       |        |     |                |      |                     |                     |
| <b>IP71x7</b> |                                        | MPEG4        | 1        | 704x576        | 1-way | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| <b>IP7251</b> | 0100f                                  | MPEG4        | 1        | 640x480        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:         | MPEG4: Unable to connect through HTTP. |              |          |                |       |        |     |                |      |                     |                     |
| <b>IP7330</b> |                                        | MPEG4 M-JPEG | 1        | 640x480        | -     | 1/0    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>IP7361</b> |                                        | MPEG4 M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |

## VIVOTEK



Dual stream support Yes\*: support MPEG4 format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                                                                                                                                                                                                             | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| IP8130      | 0100e                                                                                                                                                                                                                                                                                       | H.264<br>M-JPEG          | 1        | 1280x800       | 1-way | *2     | -   | Yes            | *2   | Yes                 |                     |
| IP8130W     | Refer to IP8130(0100e)                                                                                                                                                                                                                                                                      | H.264<br>M-JPEG          | 1        | 1280x800       | 1-way | *2     | -   | Yes            | *2   | Yes                 | Supported by design |
| IP8131      | Refer to IP8131W(0100e)                                                                                                                                                                                                                                                                     | H.264<br>M-JPEG          | 1        | 1280x800       | 1-way | *2     | -   | Yes            | *2   | Yes                 | Supported by design |
| IP8131W     | 0100e                                                                                                                                                                                                                                                                                       | H.264<br>M-JPEG          | 1        | 1280x800       | 1-way | *2     | -   | Yes            | *2   | Yes                 |                     |
| IP8132      |                                                                                                                                                                                                                                                                                             | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | -     | 1/0    | -   | Yes            | Yes  | Yes                 | Supported by design |
| IP8133W     | 0100c                                                                                                                                                                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| Note:       | Due to the parameter limitation of stream 1, we take stream 2 as main stream for recording and liveview.                                                                                                                                                                                    |                          |          |                |       |        |     |                |      |                     |                     |
| IP8151      | 0200a                                                                                                                                                                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | *                   |
| Note:       | 1. IP8151-SS and IP8151P are compatible with IP8151<br>2. This camera FW is under testing by manufacturer, so there are two issues existed which should be fixed in the official release: video stream of M-JPEG is not continuous; there is an image problem on resolution 176x144 @H.264. |                          |          |                |       |        |     |                |      |                     |                     |
| IP8152      | 0100e                                                                                                                                                                                                                                                                                       | H.264<br>M-JPEG          | 1        | 1280x1024      | 1-way | 1/0    | Yes | Yes            | Yes  | Yes                 |                     |
| Note:       | IP8152: CGI return a wrong PTZ capability                                                                                                                                                                                                                                                   |                          |          |                |       |        |     |                |      |                     |                     |
| IP8161      | 0100k                                                                                                                                                                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 |                     |
| Note:       | IP8161-SS is compatible with IP8161                                                                                                                                                                                                                                                         |                          |          |                |       |        |     |                |      |                     |                     |
| IP8162      | 0100f                                                                                                                                                                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| Note:       | 1. IP8162P and IP8162-SS are compatible with IP8162<br>2. The frame rate of main stream decrease to the half if watching dual stream video, which is the limitation of camera HW.                                                                                                           |                          |          |                |       |        |     |                |      |                     |                     |
| IP8330      | 0100e                                                                                                                                                                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | -     | 1/0    | -   | Yes            | Yes  | Yes                 |                     |
| IP8331      | 0100c                                                                                                                                                                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | -     | 1/0    | -   | Yes            | Yes  | Yes                 |                     |
| IP8332      |                                                                                                                                                                                                                                                                                             | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | -     | 1/0    | -   | Yes            | Yes  | Yes                 | Supported by design |
| Note:       | IP8332-SS is compatible with IP8332                                                                                                                                                                                                                                                         |                          |          |                |       |        |     |                |      |                     |                     |
| IP8335H     | 0100h                                                                                                                                                                                                                                                                                       | MPEG4<br>M-JPEG<br>H.264 | 1        | 1280x800       | 1-way | 3/1    | -   | Yes            | Yes  | Yes                 |                     |

## VIVOTEK



Dual stream support Yes\*: support MPEG4 format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                                                                                      | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| Note:       | IP8335H: Audio, I/O, Upnp ,PTZ can't testing by link                                                                                                                 |                          |          |                |       |        |     |                |      |                     |                     |
| IP8352      | 0100g                                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| Note:       | I/O status is abnormal, which input and output cannot be triggered at the same time. Vivotek will fix the bug in next release, please upgrade to new camera FW then. |                          |          |                |       |        |     |                |      |                     |                     |
| IP8361      | 0100c                                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Tested by link      |
| IP8362      | 0100d                                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/0    | -   | Yes            | Yes  | Yes                 | Supported by design |
| IP8172      | 0100a0                                                                                                                                                               | MPEG4<br>M-JPEG<br>H.264 | 1        | 2560x1920      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| Note:       | Not support CBR mode in MainConsole, MJPEG not support audio, Not support AAC audio                                                                                  |                          |          |                |       |        |     |                |      |                     |                     |
| IP8372      | 0100e                                                                                                                                                                | MPEG4<br>M-JPEG<br>H.264 | 1        | 2560x1920      | 1-way | *2     | -   | Yes            | *2   | Yes                 | Tested by link      |
| IZ7151      |                                                                                                                                                                      | MPEG4<br>M-JPEG          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| Note:       | PTZ Support: zoom only.                                                                                                                                              |                          |          |                |       |        |     |                |      |                     |                     |
| MD7530      | 0100d                                                                                                                                                                | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/0    | -   | Yes            | Yes  | Yes                 |                     |
| MD7560      | 0100c                                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/0    | -   | Yes            | Yes  | Yes                 |                     |
| MD7560X     | Refer to MD7560                                                                                                                                                      | H.264<br>MPEG4<br>M-JPEG | 1        | 1600x1200      | 1-way | 1/0    | -   | Yes            | Yes  | Yes                 | Supported by design |
| MD8562      | 0100c                                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/0    | -   | Yes            | Yes  | Yes                 |                     |
| Note:       | The frame rate of main stream decrease to the half if watching dual stream video, which is the limitation of camera HW.                                              |                          |          |                |       |        |     |                |      |                     |                     |
| PD8136      | 0100e                                                                                                                                                                | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 0/0    | Yes | Yes            | *2   | Yes                 |                     |
| Note:       | PD8136: No support zoom.                                                                                                                                             |                          |          |                |       |        |     |                |      |                     |                     |
| PT7000      |                                                                                                                                                                      | MPEG4                    | 1        | 720x576        | 1-way | -      | Yes | Yes            | Yes  | -                   | Supported by design |
| PT7135      |                                                                                                                                                                      | MPEG4                    | 1        | 720x576        | 1-way | -      | Yes | Yes            | Yes  | -                   | Supported by design |
| PT7137      |                                                                                                                                                                      | MPEG4                    | 1        | 704x576        | 1-way | -      | Yes | Yes            | Yes  | -                   | Supported by design |

## VIVOTEK



Dual stream support Yes\*: support MPEG4 format  
Dual stream support Yes: support H.264 format

| Device Name    | Tested Firmware                                                                                 | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|----------------|-------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>PT8133</b>  | 0100e                                                                                           | MPEG4<br>M-JPEG<br>H.264 | 1        | 1280x800       | 1-way | -      | Yes | Yes            | Yes  | Yes                 |                     |
| <b>PZ61x2</b>  |                                                                                                 | MPEG4<br>M-JPEG          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| <b>PZ61x4</b>  |                                                                                                 | MPEG4<br>M-JPEG          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| <b>PZ7131</b>  | 0100b                                                                                           | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>PZ7132</b>  |                                                                                                 | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>PZ7151</b>  | 0101b                                                                                           | MPEG4<br>M-JPEG          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:          | MPEG4: Unable to connect through HTTP.                                                          |                          |          |                |       |        |     |                |      |                     |                     |
| <b>PZ7152</b>  |                                                                                                 | MPEG4<br>M-JPEG          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>PZ71X1</b>  |                                                                                                 | MPEG4<br>M-JPEG          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>PZ71X2</b>  |                                                                                                 | MPEG4<br>M-JPEG          | 1        | 704x576        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>PZ81x1</b>  | 0100e                                                                                           | H.264<br>MPEG4<br>M-JPEG | 1        | 720x480        | 1-way | 3/2    | Yes | Yes            | Yes  | Yes                 |                     |
| Note:          | PZ-81x1W is compatible with PZ81x1                                                              |                          |          |                |       |        |     |                |      |                     |                     |
| <b>SD61x2</b>  |                                                                                                 | MPEG4<br>M-JPEG          | 1        | 720x576        | 1-way | 4/1    | Yes | Yes            | Yes  | -                   | Supported by design |
| <b>SD7151</b>  | 0101d                                                                                           | MPEG4<br>M-JPEG          | 1        | 720x576        | 1-way | 4/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:          | No audio support in M-JPEG format.<br>MPEG4: Unable to connect through HTTP.                    |                          |          |                |       |        |     |                |      |                     |                     |
| <b>SD73X3</b>  |                                                                                                 | MPEG4<br>M-JPEG          | 1        | 704x576        | 1-way | 4/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>SD81X1</b>  | 0100e                                                                                           | MPEG4<br>M-JPEG          | 1        | 704x576        | 1-way | 4/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:          | 1. SD8121-SS is compatible with SD81X1<br>2. SD81X1 : Audio, I/O, Upnp can't testing by link    |                          |          |                |       |        |     |                |      |                     |                     |
| <b>SD8362E</b> | 0104a                                                                                           | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 3/2    | Yes | Yes            | Yes  | Yes                 |                     |
| Note:          | 1. SD8362E-SS is compatible with SD8362E<br>2. SD8362E : Audio, I/O, Upnp can't testing by link |                          |          |                |       |        |     |                |      |                     |                     |

## VIVOTEK



Dual stream support Yes\*: support MPEG4 format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                                                                                                                                                                              | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| SD8363E     | 0200d                                                                                                                                                                                                                                                        | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | *2     | Yes | Yes            | *2   | Yes                 |                     |
| SD83x1      | Refer to SD83x3                                                                                                                                                                                                                                              | H.264<br>MPEG4<br>M-JPEG | 1        | 720x480        | 1-way | 3/2    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| Note:       | SD83x1 and SD83x2 are detected as SD83x3.                                                                                                                                                                                                                    |                          |          |                |       |        |     |                |      |                     |                     |
| SD83x2      | Refer to SD83x3                                                                                                                                                                                                                                              | H.264<br>MPEG4<br>M-JPEG | 1        | 720x480        | 1-way | 3/2    | Yes | Yes            | Yes  | Yes                 | Supported by design |
| Note:       | SD83x1 and SD83x2 are detected as SD83x3.                                                                                                                                                                                                                    |                          |          |                |       |        |     |                |      |                     |                     |
| SD83x3      | 0102d                                                                                                                                                                                                                                                        | H.264<br>MPEG4<br>M-JPEG | 1        | 720x480        | 1-way | 3/2    | Yes | Yes            | Yes  | Yes                 |                     |
| Note:       | SD83x3-SS is compatible with SD83x3                                                                                                                                                                                                                          |                          |          |                |       |        |     |                |      |                     |                     |
| SD8362      | 0104a                                                                                                                                                                                                                                                        | MPEG4<br>M-JPEG<br>H.264 | 1        | 1920x1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 | Tested by link      |
| SF8172      | 0100d                                                                                                                                                                                                                                                        | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1920      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| SF8172V     | Refer to SF8172(FW 0100d)                                                                                                                                                                                                                                    | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1920      | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| Note:       | SF8172 and SF8172V:<br>1. Support PPTZ.<br>2. Fisheye camera.<br>3. The first 1080p stream connection to camera can reach up to 30 fps, but the second 1080p stream connection can't.<br>It is because of the constrain by CPU decode performance of camera. |                          |          |                |       |        |     |                |      |                     |                     |
| TC5331      |                                                                                                                                                                                                                                                              | MPEG4                    | 1        | 720x576        | 1-way | -      | -   | Yes            | Yes  | -                   | Supported by design |
| TC5630      |                                                                                                                                                                                                                                                              | MPEG4                    | 1        | 720x576        | 1-way | -      | -   | Yes            | Yes  | -                   | Supported by design |
| TC5631      |                                                                                                                                                                                                                                                              | MPEG4                    | 1        | 720x576        | 1-way | -      | -   | Yes            | Yes  | -                   | Supported by design |
| VS2101      |                                                                                                                                                                                                                                                              | M-JPEG                   | 1        | 720x576        | -     | 1/1    | -   | Yes            | Yes  | -                   | Supported by design |
| VS2401      |                                                                                                                                                                                                                                                              | M-JPEG                   | 4        | 720x576        | -     | 4/2    | -   | Yes            | Yes  | -                   | Supported by design |
| VS2402      |                                                                                                                                                                                                                                                              | M-JPEG                   | 4        | 720x576        | -     | 4/2    | -   | Yes            | Yes  | -                   | Supported by design |
| VS2403      | 0103b                                                                                                                                                                                                                                                        | M-JPEG                   | 4        | 720x576        | 1-way | 4/4    | Yes | Yes            | Yes  | -                   |                     |
| VS7100      | 0101e                                                                                                                                                                                                                                                        | MPEG4<br>M-JPEG          | 1        | 720x576        | -     | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |

## VIVOTEK



Dual stream support Yes\*: support MPEG4 format  
Dual stream support Yes: support H.264 format

| Device Name   | Tested Firmware                                                | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|---------------|----------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| Note:         | MPEG4: Unable to connect through HTTP.                         |                          |          |                |       |        |     |                |      |                     |         |
| <b>VS8102</b> | 0202c2                                                         | H.264<br>MPEG4<br>M-JPEG | 1        | 720x576        | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |         |
| <b>VS8401</b> | 0201b                                                          | H.264<br>MPEG4<br>M-JPEG | 4        | 720x480        | 1-way | 4/4    | Yes | Yes            | -    | Yes                 |         |
| <b>VS8801</b> | 0100h                                                          | H.264<br>MPEG4<br>M-JPEG | 8        | 720x480        | 1-way | 8/8    | Yes | Yes            | -    | Yes                 | *       |
| Note:         | Audio: All cameras don't support AAC audio codec, but GSM-AMR. |                          |          |                |       |        |     |                |      |                     |         |



## Yudor



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                                                           | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| YUC-H696    |                                                                                                                                           | H.264 M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| YUC-766R-30 |                                                                                                                                           | H.264 M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| YUC-H796R   |                                                                                                                                           | H.264 M-JPEG | 1        | 1600x1200      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| YWS-H01DP   |                                                                                                                                           | H.264 M-JPEG | 1        | 720x480        | 1-way | 2/2    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| YWS-H04S    |                                                                                                                                           | H.264 M-JPEG | 4        | 720x480        | 1-way | 4/4    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| YUC-H626    | VC1.0.10_Y                                                                                                                                | H264 MJPEG   | 1        | 1920*1080      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| YUC-H7926   | VC1.0.10_Y                                                                                                                                | H264 MJPEG   | 1        | 1920*1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| YUC-Hi26    | VC1.0.10_Y                                                                                                                                | H264 MJPEG   | 1        | 1920*1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:       | In website, when bitrate mode is "CBR" and change stream mode from "Advanced mode" to "Basic mode". Quality will not synchronized to web. |              |          |                |       |        |     |                |      |                     |                     |

## Zavio



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name  | Tested Firmware                                                                                                                                                                                        | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>B5010</b> | Refer to Beward N600 (M2.0.9.13.1)                                                                                                                                                                     | H.264<br>MPEG4<br>M-JPEG | 1        | 640x480        | -     | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>B5110</b> | MG.0.6.01_C 1                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>B5111</b> | M2.1.6.02C0 45                                                                                                                                                                                         | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | -     | -      | -   | Yes            | Yes  | Yes*                |                     |
| <b>B5210</b> | M2.1.6.02C0 14                                                                                                                                                                                         | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | -     | -      | -   | Yes            | Yes  | Yes*                |                     |
| Note:        | For B5210, the frame rate is not enough when using TCP and HTTP connection.                                                                                                                            |                          |          |                |       |        |     |                |      |                     |                     |
| <b>B6110</b> | MG.0.6.01_C 1                                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>B7210</b> | Refer to F3206                                                                                                                                                                                         | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 2/2    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>B7320</b> | Refer to D7320                                                                                                                                                                                         | M-JPEG<br>H.264          | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>D3100</b> | M2.1.6.02.08 30                                                                                                                                                                                        | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | -     | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:        | 1. Not support audio.                                                                                                                                                                                  |                          |          |                |       |        |     |                |      |                     |                     |
| <b>D3200</b> | M2.1.6.02C0 66                                                                                                                                                                                         | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:        | 1. There is no audio when using AMR 7.95<br>2. The talk function is unworked in AMR mode.<br>3. The max frame rate of MPEG4 is up to 20 FPS in 1920x1080 and 1280x800. It's the limitation of hardware |                          |          |                |       |        |     |                |      |                     |                     |
| <b>D510E</b> | LM.1.6.16.03                                                                                                                                                                                           | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>D5110</b> | Refer to D5111                                                                                                                                                                                         | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | -     | 2/2    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>D5111</b> | MG.1.6.03P7_app7                                                                                                                                                                                       | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | -     | 2/2    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>D5112</b> | Refer to D5113 (M2.1.6.01)                                                                                                                                                                             | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x720       | -     | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>D5113</b> | M2.1.6.01                                                                                                                                                                                              | H.264<br>MJPEG<br>MPEG4  | 1        | 1280x720       | -     | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>D520E</b> | LM.1.6.16.03                                                                                                                                                                                           | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>D5210</b> | M2.1.6.02C0 66                                                                                                                                                                                         | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |

## Zavio



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware                                                                                                                                                                                        | Video Format       | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| Note:       | 1. There is no audio when using AMR 7.95<br>2. The talk function is unworked in AMR mode.<br>3. The max frame rate of MPEG4 is up to 20 FPS in 1920x1080 and 1280x800. It's the limitation of hardware |                    |          |                |       |        |     |                |      |                     |                     |
| D610A       | LM.1.6.16                                                                                                                                                                                              | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| D6111       | MG.0.6.01_C1                                                                                                                                                                                           | H.264 MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| D611E       | LM.1.6.16                                                                                                                                                                                              | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| D7110       | MG.1.6.03P7_app7                                                                                                                                                                                       | H.264 MPEG4 M-JPEG | 1        | 1280x1024      | -     | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| D7111       | Refer to D5113                                                                                                                                                                                         | H.264 MJPEG MPEG4  | 1        | 1280x720       | -     | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| D7210       | M2.1.6.02C066                                                                                                                                                                                          | H.264 MPEG4 M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| Note:       | 1. There is no audio when using AMR 7.95<br>2. The talk function is unworked in AMR mode.<br>3. The max frame rate of MPEG4 is up to 20 FPS in 1920x1080 and 1280x800. It's the limitation of hardware |                    |          |                |       |        |     |                |      |                     |                     |
| D7320       | M3.1.5.05                                                                                                                                                                                              | H.264 M-JPEG       | 1        | 2048x1536      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:       | Talk function can not work due to firmwave issue.                                                                                                                                                      |                    |          |                |       |        |     |                |      |                     |                     |
| D7510       | M3.04.15.C01                                                                                                                                                                                           | H.264 M-JPEG       | 1        | 2560x1920      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:       | 1. Framerate support 1~15 only.<br>2. Connecting stream by RTSP over HTTP in high video quality will cause delayed image and broken voice.                                                             |                    |          |                |       |        |     |                |      |                     |                     |
| F1100       | Refer to F1105                                                                                                                                                                                         | MJPEG              | 1        | 1280x720       | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| F1105       | BP.1.6.01_C1                                                                                                                                                                                           | MJPEG              | 1        | 1280x720       | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| F210A       | LM.1.6.15                                                                                                                                                                                              | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| F3100       | MG.0.6.01_C1                                                                                                                                                                                           | H.264 MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| F3101       | Refer to F3106                                                                                                                                                                                         | H.264 MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| F3102       | M2.1.6.02C045                                                                                                                                                                                          | H.264 MPEG4 M-JPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| Note:       | 1. There is no audio when using AMR 7.95<br>2. The talk function is unworked in AMR mode.<br>3. The max frame rate of MPEG4 is up to 20 FPS in 1280x800. It's the limitation of hardware               |                    |          |                |       |        |     |                |      |                     |                     |

## Zavio



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name  | Tested Firmware                                                                                                                                                                          | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>F3105</b> | MG.0.6.01_C1                                                                                                                                                                             | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>F3106</b> | MG.1.6.03C8                                                                                                                                                                              | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| <b>F3107</b> | M2.1.6.02C045                                                                                                                                                                            | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| Note:        | 1. There is no audio when using AMR 7.95<br>2. The talk function is unworked in AMR mode.<br>3. The max frame rate of MPEG4 is up to 20 FPS in 1280x800. It's the limitation of hardware |                          |          |                |       |        |     |                |      |                     |                     |
| <b>F3110</b> | M2.1.6.02C045                                                                                                                                                                            | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:        | 1. There is no audio when using AMR 7.95<br>2. The talk function is unworked in AMR mode.<br>3. The max frame rate of MPEG4 is up to 20 FPS in 1280x800. It's the limitation of hardware |                          |          |                |       |        |     |                |      |                     |                     |
| <b>F3115</b> | M2.1.6.02C045                                                                                                                                                                            | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| Note:        | 1. There is no audio when using AMR 7.95<br>2. The talk function is unworked in AMR mode.<br>3. The max frame rate of MPEG4 is up to 20 FPS in 1280x800. It's the limitation of hardware |                          |          |                |       |        |     |                |      |                     |                     |
| <b>F312A</b> | LM.1.6.16.03                                                                                                                                                                             | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| <b>F3201</b> | Refer to F3206                                                                                                                                                                           | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | -      | -   | Yes            | Yes  | Yes*                |                     |
| <b>F3206</b> | M2.P2P_0314                                                                                                                                                                              | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 2/2    | -   | Yes            | Yes  | Yes*                |                     |
| <b>F3210</b> | M2.1.6.03C019                                                                                                                                                                            | H.264<br>MPEG4<br>M-JPEG | 1        | 1920x1080      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| Note:        | For F3210, Video resolution can not change when only setting resolutiuon.                                                                                                                |                          |          |                |       |        |     |                |      |                     |                     |
| <b>F5100</b> | MG.0.6.01_C1                                                                                                                                                                             | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>F5105</b> | MG.0.6.01_C1                                                                                                                                                                             | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>F510E</b> | LM.1.6.16.03                                                                                                                                                                             | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>F510W</b> | LM.1.6.16.03                                                                                                                                                                             | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>F5110</b> | MG.0.6.01_C1                                                                                                                                                                             | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>F5115</b> | MG.0.6.01_C1                                                                                                                                                                             | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |

## Zavio



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name  | Tested Firmware                                                                                                                                                                     | Video Format       | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>F511E</b> | LM.1.6.16.03                                                                                                                                                                        | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>F511W</b> | LM.1.6.16.03                                                                                                                                                                        | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>F520E</b> | LM.1.6.16.03                                                                                                                                                                        | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>F521E</b> | LM.1.6.16.03                                                                                                                                                                        | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>F531E</b> | LM.1.6.18P9_testport2                                                                                                                                                               | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>F610A</b> | LM.1.6.16.03                                                                                                                                                                        | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>F611E</b> | LM.1.6.16.007                                                                                                                                                                       | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                |                     |
| <b>F7110</b> | MG.1.6.03P3_r1072                                                                                                                                                                   | H.264 MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | 2/2    | Yes | Yes            | Yes  | Yes*                |                     |
| <b>F7115</b> | Refer to F7110                                                                                                                                                                      | H.264 MPEG4 M-JPEG | 1        | 1280x1024      | 1-way | 2/2    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>F7210</b> | M2.1.6.01                                                                                                                                                                           | H.264 MPEG4 M-JPEG | 1        | 1920x1080      | 1-way | 2/2    | -   | Yes            | Yes  | Yes*                |                     |
| Note:        | 1. For F7210, due to audio and PTZ malfunction, the two functions can't be verified unless new camera sample is provided. Thus, audio and PTZ function for F7210 is not guaranteed. |                    |          |                |       |        |     |                |      |                     |                     |
| <b>F721A</b> | LM.1.6.16.03                                                                                                                                                                        | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | -      | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>F731E</b> | LM.1.6.16.03                                                                                                                                                                        | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | 1/1    | -   | Yes            | Yes  | Yes*                | Supported by design |
| <b>M510E</b> | LM.1.6.16.03                                                                                                                                                                        | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:        | PTZ Support: pan and tilt only                                                                                                                                                      |                    |          |                |       |        |     |                |      |                     |                     |
| <b>M510W</b> | LM.1.6.16.03                                                                                                                                                                        | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:        | PTZ Support: pan and tilt only                                                                                                                                                      |                    |          |                |       |        |     |                |      |                     |                     |
| <b>M511E</b> | LM.1.6.16.03                                                                                                                                                                        | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:        | PTZ Support: pan and tilt only                                                                                                                                                      |                    |          |                |       |        |     |                |      |                     |                     |
| <b>M511W</b> | LM.1.6.16.03                                                                                                                                                                        | MPEG4 M-JPEG       | 1        | 640x480        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:        | PTZ Support: pan and tilt only                                                                                                                                                      |                    |          |                |       |        |     |                |      |                     |                     |

## Zavio



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name  | Tested Firmware                                                                                                                                                                         | Video Format             | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>P5110</b> | MG.0.6.01_C1                                                                                                                                                                            | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note:        | PTZ Support: pan and tilt only                                                                                                                                                          |                          |          |                |       |        |     |                |      |                     |                     |
| <b>P5111</b> | Refer to P5116                                                                                                                                                                          | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| <b>P5115</b> | MG.0.6.01_C1                                                                                                                                                                            | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x1024      | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:        | PTZ Support: pan and tilt only                                                                                                                                                          |                          |          |                |       |        |     |                |      |                     |                     |
| <b>P5116</b> | M2.1.6.02                                                                                                                                                                               | H.264<br>MPEG4<br>M-JPEG | 1        | 1280x800       | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                |                     |
| Note:        | 1. PTZ Support pan and tilt only.<br>2. There is no audio when using AMR 7.95<br>3. The max frame rate of MPEG4 and MJPEG is up to 20 FPS in 1280x800. It's the limitation of hardware. |                          |          |                |       |        |     |                |      |                     |                     |
| <b>V111T</b> | LM.1.6.16.03                                                                                                                                                                            | MPEG4<br>M-JPEG          | 1        | 640x480        | 1-way | 1/1    | Yes | Yes            | Yes  | Yes*                | Supported by design |
| Note         | If enable Zavio analog video output function, it will not be able to get 2 <sup>nd</sup> stream from zavio camera.                                                                      |                          |          |                |       |        |     |                |      |                     |                     |

## 3M



Dual stream support Yes\*: support JPEG format  
Dual stream support Yes: support H.264 format

| Device Name | Tested Firmware | Video Format | Video Ch | Max Resolution | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks |
|-------------|-----------------|--------------|----------|----------------|-------|--------|-----|----------------|------|---------------------|---------|
| ANPR        | 5780            | MJPEG        | 1        | 720x480        | -     | -      | -   | -              | -    | -                   |         |

|       |                                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|-------|-----------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| Note: | 1. Only integrate MJPEG 1st stream video.<br>2. Mainconsole must upgrade upper than 4.1.12, then can see video. |  |  |  |  |  |  |  |  |  |  |
|-------|-----------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|

## 3Svision



Dual stream support Yes\*: support JPEG format

Dual stream support Yes: support H.264 format

| Device Name  | Tested Firmware                                                                                                                          | Video Format | Video Ch | Max Resolution      | Audio | I/O Ch | PTZ | On-Edge Motion | UPnP | Dual Stream Support | Remarks             |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|---------------------|-------|--------|-----|----------------|------|---------------------|---------------------|
| <b>N3071</b> | Refer to 3S N3072                                                                                                                        | H264 M-JPEG  | 1        | 1600x1200           | 1-way | -      | -   | Yes            | -    | Yes                 |                     |
| <b>N3072</b> | V1.03_STD-1                                                                                                                              | H264 M-JPEG  | 1        | 1600x1200           | 1-way | 1/1    | -   | Yes            | -    | Yes                 |                     |
| <b>N5012</b> | V1.01_STD-1                                                                                                                              | H.264 MJPEG  | 1        | 1920x1080           | 1-way | 1/1    | Yes | Yes            | Yes  | Yes                 |                     |
| Note         | HTTP port always 80 when using UPnP search.                                                                                              |              |          |                     |       |        |     |                |      |                     |                     |
| <b>N5071</b> | V1.03_STD-1                                                                                                                              | H264 M-JPEG  | 1        | 704x576/<br>704x480 | 1-way | -      | Yes | Yes            | Yes  | Yes                 |                     |
| <b>N6072</b> | Refer to 3S N6075                                                                                                                        | H264 M-JPEG  | 1        | 1600x1200           | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>N6073</b> | Refer to 3S N6075                                                                                                                        | H264 M-JPEG  | 1        | 1600x1200           | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>N6074</b> | Refer to 3S N6075                                                                                                                        | H264 M-JPEG  | 1        | 1600x1200           | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>N6075</b> | V1.05_STD-1                                                                                                                              | H264 M-JPEG  | 1        | 1600x1200           | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 |                     |
| <b>N6076</b> | Refer to 3S N6075                                                                                                                        | H264 M-JPEG  | 1        | 1600x1200           | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>N6077</b> | Refer to 3S N6075                                                                                                                        | H264 M-JPEG  | 1        | 1600x1200           | 1-way | 1/1    | -   | Yes            | Yes  | Yes                 | Supported by design |
| <b>N8072</b> | V1.03_STD-1                                                                                                                              | H264 M-JPEG  | 1        | 1600x1200           | 1-way | 0/0    | -   | Yes            | -    | Yes                 |                     |
| <b>N9071</b> | V1.06_STD-1                                                                                                                              | H264 M-JPEG  | 1        | 1600x1200           | 1-way | 0/0    | -   | Yes            | Yes  | Yes                 |                     |
| <b>S4071</b> | V1.04_STD-1                                                                                                                              | H264 M-JPEG  | 4        | 704x576/<br>704x480 | 1-way | 4/4    | Yes | Yes            | Yes  | Yes                 |                     |
| Note         | 1. The quality setting of M-JPEG is unavailable.<br>2. When the server attaches two or more channels, the maximal framerate is unstable. |              |          |                     |       |        |     |                |      |                     |                     |