Megapixel Day & Night
Vandal Dome Network Camera
VD-100A/VD-130A V2 Series
Quick Installation Guide
Quality Service Group
1. Power off the camera device immediately if it starts smoking or smells unusual.

2. Power off the camera device immediately if the camera is exposed to rain or liquid.

3. Do not set the camera device near any heat sources. (Ex: television and oven)

4. Keep the camera device away from direct sunlight.

5. Do not set the camera device over the specific operating temperature.
6. Do not set the camera device in any wet and humid environments.

7. Do not set the camera device on unsteady surfaces.

8. Do not attempt to dismantle the camera device.

9. Do not drop or hit the camera device.

10. Do not use the camera device when there is lightning.
1. Check Package Contents

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>a. Network Camera (VD-100A/VD-130A)</td>
<td>b. Dry bag, Strap Tie</td>
</tr>
<tr>
<td><img src="image1.png" alt="Network Camera" /></td>
<td><img src="image2.png" alt="Dry bag, Strap Tie" /></td>
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<tr>
<td>c. Product CD</td>
<td>d. Location Sticker</td>
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<tr>
<td><img src="image3.png" alt="Product CD" /></td>
<td><img src="image4.png" alt="Location Sticker" /></td>
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<tr>
<td>e. Warranty Card</td>
<td>f. Screws Bag</td>
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<tr>
<td><img src="image5.png" alt="Warranty Card" /></td>
<td><img src="image6.png" alt="Screws Bag" /></td>
</tr>
<tr>
<td>g. Terminal Block</td>
<td>h. Allen Key</td>
</tr>
<tr>
<td><img src="image7.png" alt="Terminal Block" /></td>
<td><img src="image8.png" alt="Allen Key" /></td>
</tr>
<tr>
<td>i. Easy Installation Guide</td>
<td>j. High Power PoE (Optional)</td>
</tr>
<tr>
<td><img src="image9.png" alt="Easy Installation Guide" /></td>
<td><img src="image10.png" alt="High Power PoE" /></td>
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</table>
2. Device Description

- RJ45 Connector
- IR LEDs
- Video Adjustment Screw
- Conduit Plug and Conduit Hole
- DIDO, Audio Terminal Block
- Power Terminal Block
- LENS
- Tilt Screw
- Reset Button
SD Card Capacity (*)
The network camera is compatible with SD/SDHC (Maximum 32GB) cards.

⚠️ NOTE - (*) These are optional features. Please refer to the Product List for the full list of optional features that are available for this product.
3. Hardware Installation

Remove the vandal dome cover:

3.1 Use the Allen Key to unscrew the four screws and remove the dome cover from the camera device.

For SD/SDHC card (*) installation:

3.2 Insert the SD/SDHC card into the SD/SDHC card slot.

⚠️ NOTE – The SD/SDHC card is not included in the product package and needs to be purchased separately.
For dry bag installation:

3.3 Place the dry bag on the camera device and secure it using the strap tier.

Open the conduit hole:

3.4 The conduit hole will allow for air to circulate through the camera device. Use a screwdriver to unscrew either the conduit plug from the side of the camera device.
For ceiling installation:

3.5 Mount the camera device on the desired location. Use the screwdriver from the product package to tighten the four included screws clockwise through the four holes on each side of the device as shown below. The best place to mount the camera is into a ceiling stud.

![Diagram of ceiling installation](image)

WARNING: Do not mount the camera on a soft material. The camera may fall and be damaged.

For wall installation:

3.6 Chose the location on the wall to place the camera. Attach the location sticker to the desired spot.

3.7 Drill four holes through the center of the four location holes on the sticker.
3.8 Hammer the four plastic anchors which are provided in the product package into the four location holes.

3.9 Mount the camera on the wall and position the four screw slots over the plastic anchors. Insert the screws into the holes and use the screwdriver to tighten the screws clockwise until they are secure.
4. POE, Power, DIDO, Audio Connection

4.1. Insert the PoE, DIDO, and Audio cable through conduit hole A or B.

4.2. Connect the PoE (1), DIDO (2), and Audio (3) Cables to their respective terminals. See the next page for more details regarding the DIDO and Audio connection.
1. Power over Ethernet (PoE) Connection

2. Power Adapter Connection

Please refer to the definition of the terminal blocks below. It is also printed on the motherboard.

<table>
<thead>
<tr>
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<tr>
<td>Pin No.</td>
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<tr>
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<tr>
<td>Pin 2</td>
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3. DIDO and Audio Connection

Please refer to the definition of the terminal blocks below. It is also printed on the motherboard.

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<td>Pin 3</td>
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<td>Pin 4</td>
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<td>Pin 5</td>
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<td>Pin 6</td>
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<tr>
<td>Pin 7</td>
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<tr>
<td>Pin 8</td>
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</tbody>
</table>
5. Camera Connection

5.1 Basic Connection (Without PoE)

5.1.1 Connect the camera device to the Ethernet hub using a RJ45 Ethernet cable.

5.1.2 Connect the power adaptor to the camera device.

5.2 Power over Ethernet (PoE) Connection

5.2.1 Connect the camera to a PoE-enabled hub using a single Ethernet cable.

5.2.2 Connect the camera to a non-PoE hub using the PoE Injector.
6. Adjust the Lens Focus Range and Zoom Viewing

6.1 Adjust the Lens Angle

6.1.1 The lens can be rotated to the left or right.

6.1.2 Release the tilt screw on both side of the device to rotate the lens up or down. After completion, tighten the tilt screw.

6.1.3 Release the video adjustment screw and to adjust the lens direction. After completion, tighten the video adjustment screw.
6.2 Adjust the Viewing Angle and Focus Range

6.2.1 Release the viewing angle controller bar and then slide it left or right to adjust the viewing angle. After completion, tighten the viewing angle controller.

6.2.2 Release the focus controller bar and slide it left or right to adjust the focus range. After completion, tighten the focus controller.

7. Complete the Installation

7.1 Place the dome cover on the camera device and slowly turn it until it is in the desired position.

7.2 Use the Allen Key and attached four dome screws to secure the dome cover to the camera device.
1. Insert the Installation CD into the CD-ROM driver. Run Auto-Run Tool directly from the CD-ROM to start the installation. When installing the Brickcom software kit for the first time, select a desired language for the interface. The available languages are listed in the scroll box. Click <Install> and follow the steps to install the EasyConfig wizard on the desired computer.

Please follow the instruction of the InstallShield Wizard to finish the Brickcom Software Kit installation.
2. To launch EasyConfig or PC-NVR Standard, select the application and click **Finish**. When launching the PC-NVR program, please refer to the PC-NVR user manual.
EasyConfig

To launch EasyConfig, select EasyConfig from the start menu. If Complete Setup type was used in the software installation, an EasyConfig icon was installed on the desktop. Double click to open the icon.

If Custom Setup type was used in the software installation and an EasyConfig icon was not installed on the desktop, the program will be installed under C:\Program Files\Brickcom\EasyConfig unless the program was saved to a preferred directory.

1. Click <Start> to continue. The program will automatically search for the camera in the intranet.

**NOTE** - Check “Skip the hardware installation guide” to skip checking the hardware connection. To check the hardware installation settings, do not check the option box.
1. Plug one end of the supplied network cable into your network switch or router.

2. Plug the other end of the supplied network cable into the camera’s Ethernet port.

3. Plug the power adapter into the camera’s power port. Then connect the other end into the power outlet. Please check that the LED light is on.
2. Select either “Simple Mode” or “Professional Mode” to obtain the camera’s IP settings. If “Simple Mode” is selected, EasyConfig will set up the connection automatically. If “Professional Mode” is selected, the user will need to configure the IP settings manually.

3. There may be many cameras in the local network. Differentiate the cameras using their UPnP name. Double click on the camera from the survey list to connect.
4. Enter the username and password of the camera. For first time use, the default username and password are “admin/admin.”

5. For configuring the IP address settings, select either <Settings remain the same>, <Automatically obtain an IP Address (DHCP)> or <Set IP Address configuration manually>. The DHCP setting is recommended.
a. If <Set IP Address configuration manually> is selected, the following pages will be displayed.

1. **Brickcom**
   - Select the IP Address settings.
     - Settings remains the same
     - Automatically obtain an IP Address (DHCP)
     - Set IP Address configuration manually

2. **Brickcom**
   - Enter the Static IP Address to configure IP Camera.
     - **IP Address**: 10.6.42.103
     - **Subnet Mask**: 255.255.255.0
     - **Gateway**: 10.6.42.254
     - **DNS1**: 10.6.1.103
     - **DNS2**: 10.6.1.101
6. If the camera supports the EasyLink™ function, the following page will be displayed. Otherwise, this page will not be shown. *If desired, click <Skip> to skip this setting.

EasyLink™ is a unique Brickcom function which allows users to assign a unique EasyLink name to their network camera’s IP address. There is no need to configure the router to open up ports or remember hard-to-memorize IP addresses. Users can log onto [uniqueEasyLinkname].mybrickcom.com to view the camera’s web GUI and live view.

1. Enter a unique EasyLink name whose length must be between 5-32 characters.
2. When finished, click the arrow button to continue.
7. When the IP address settings have been configured, the screen will either display a successful or failed connection message. If the connection failed, either try again or quit the installation.

a. If “DHCP IP address settings” was selected, the failure page will be displayed as below:

![DHCP failure page]

b. If “Static IP address settings” was selected, the failure page will be displayed as below:

![Static IP failure page]
c. If the connection was successful, the user will see the message: “Congratulations. The installation of the camera is complete.”

When this window is displayed, click <PC-NVR> to start the PC-NVR program, <Live View> to view the live video from the connected IP camera, or <X> in the top right corner of the screen to close the installation window. To run the PC-NVR program, please refer to the PC-NVR user manual for more information.