

# AXIS P5635-E PTZ Dome Network Camera

Continuous 360° pan in HDTV 1080p with 30x zoom

AXIS P5635-E is a cost-effective, outdoor-ready HDTV 1080p camera with 30x optical zoom for high-definition video surveillance of large areas. It features a continuous 360° pan capability, with no mechanical stop, for fast camera repositioning and continuous tracking of an object. AXIS P5635-E has day/night functionality and good low light performance. It offers shock detection, video motion detection, Advanced Gatekeeper and Electronic Image Stabilization for steadier video in windy conditions. Wide Dynamic Range - Forensic Capture enables details in bright and dark areas of a scene to be visible. It supports two-way audio, input/output ports, an SD card slot, PoE+ and 24 V AC/DC.

- > [Continuous 360° pan & 30x optical zoom in HDTV 1080p](#)
- > [Day/night functionality](#)
- > [120 dB Wide Dynamic Range - Forensic Capture](#)
- > [Electronic Image Stabilization & shock detection](#)
- > [Advanced Gatekeeper & audio detection](#)



# AXIS P5635-E PTZ Dome Network Camera

<b>Models</b>	AXIS P5635-E 50/60 Hz	<b>Time:</b> Recurrence, Use schedule
<b>Camera</b>		<b>Event actions</b>
<b>Image sensor</b>	Progressive scan CMOS 1/2.8"	Day/Night mode, Overlay text, Record video File upload via FTP, SFTP, HTTP and email Notification via email, HTTP and TCP PTZ preset, Guard tour, Video recording to edge storage, Pre- and post-alarm video buffering, Send SNMP trap, External output activation, Play audio clip, WDR mode
<b>Lens</b>	4.3 - 129 mm, F1.6 - 4.7, Autofocus, Auto iris Horizontal angle of view: 63.5° - 2.4° view	<b>Data streaming</b>
<b>Day and night</b>	Automatically removable infrared-cut filter	Event data
<b>Minimum illumination</b>	Color: 0.3 lux at 30 IRE F1.6 B/W: 0.01 lux at 30 IRE F1.6	<b>Built-in installation aids</b>
<b>Shutter time</b>	1/28000 s to 2 s	Pixel counter
<b>Pan/Tilt/Zoom</b>	Pan: 360° endless, 0.2°/s - 350°/s Tilt: 180°, 0.2°/s - 350°/s 30x Optical zoom and 12x Digital zoom, Total 360x zoom, 100 preset positions, E-flip, Limited guard tour, Control queue, On-screen directional indicator, Set new pan 0°, Focus window	<b>General</b>
<b>Video</b>		<b>Casing</b>
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	IP66-, IK10- and NEMA 4X-rated metal casing (aluminum), Clear dome (PC), Repaintable skin cover
<b>Resolutions</b>	1920x1080 (HDTV 1080p) to 320x180	<b>Memory</b>
<b>Frame rate</b>	Up to 25/30 fps (50/60 Hz) in all resolutions	512 MB RAM, 256 MB Flash
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG, Controllable frame rate and bandwidth, VBR/MBR H.264	<b>Power</b>
<b>Image settings</b>	Compression, Color, Brightness, Sharpness, Contrast, Local contrast, White balance, Exposure control, Exposure zones, Automatic backlight compensation, Fine tuning of behavior at low light, 120 dB WDR - Forensic Capture, Manual shutter time, Text and image overlay, 20 individual 3D privacy masks, Image freeze on PTZ Electronic Image Stabilization	Power over Ethernet Plus (PoE+) IEEE 802.3at Type 2 Class 4, Typical 9 W, max. 20 W 20-28 V DC, Typical 9 W, max. 23 W 20-24 V AC, Typical 13 VA, max. 31 VA (PoE+ midspan and power supply not included)
<b>Audio</b>		<b>Connectors</b>
<b>Audio streaming</b>	Two-way	RJ45 for 10BASE-T/100BASE-TX PoE RJ45 Push-pull Connector (IP66) included I/O connector for DC or AC input, 4 configurable alarm inputs/outputs, mic in/line in, line out (Axis 10-pin Push-pull System Connector or Axis Multicable C I/O Audio Power1 m/5 m, not included)
<b>Audio compression</b>	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate	<b>Edge storage</b>
<b>Audio input/output</b>	External microphone or line input, and line output (Requires Axis 10-pin Push-pull System Connector or Axis Multicable C I/O Audio Power 1 m/5 m, not included)	Support for SDHC UHS-I/SDXC UHS-I card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>
<b>Network</b>		<b>Operating conditions</b>
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log, Centralized certificate management	-30 °C to 50 °C (-22 °F to 122 °F) Humidity 10-100% RH (condensing)
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	<b>Storage conditions</b>
<b>System integration</b>		-40 °C to 70 °C (-40 °F to 158 °F)
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System with One-Connection ONVIF Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a>	<b>Approvals</b>
<b>Analytics</b>	Video motion detection, Advanced Gatekeeper Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a>	EN 55022 Class B, EN 61000-6-1, EN 61000-6-2, EN 55024, EN 50121-4, IEC 62236-4, FCC Part 15 Subpart B Class A+B, IECS-003 Class B, VCCI Class B, C-tick AS/NZS CISPR22 Class B, KCC KN22 Class B, KN24, IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC/EN 62262 IK10, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, ISO 4892-2 EN 61000-3-2, EN 61000-3-3
<b>Event triggers</b>	Detectors: Live stream accessed, Video motion detection, Shock detection, Audio detection, Day/Night mode Hardware: Network, Temperature Input Signal: Manual trigger, Virtual inputs, Digital input signal PTZ: Error, Moving, Preset reached, Ready Storage: Disruption, Recording System: System ready	<b>Dimensions</b>
		217 x 188 x 188 mm (8 9/16 x 7 3/8 x 7 3/8 in)
		<b>Weight</b>
		2.5 kg (5.5 lb.)
		<b>Included accessories</b>
		RJ45 Push-pull Connector (IP66), Hard ceiling mount, Spring pipe adaptor, U-profile pipe adaptor, Installation Guide, Windows decoder 1-user license, AVHS Authentication key
		<b>Optional accessories</b>
		AXIS T91B Mounts, AXIS T94A02L Recessed Mount, Outdoor RJ45 cable with premounted connector, AXIS T8133 Midspan 30 W 1-port, Repaintable skin covers Smoked Dome, Axis 10-pin Push-pull System Connector, Axis Multicable C I/O Audio Power 1 m/5 m
		<b>Video management software</b>
		AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/techsup/software">www.axis.com/techsup/software</a>
		<b>Languages</b>
		German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese
		<b>Warranty</b>
		Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([www.openssl.org](http://www.openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).

More information is available at [www.axis.com](http://www.axis.com)