

AXIS P5635-E PTZ Dome Network Camera

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



AXIS P5635-E PTZ Dome Network Camera is a cost-effective, high-performance HDTV 1080p camera with 30x optical zoom. It enables high-definition video surveillance of large indoor and outdoor areas and provides great details when zooming in. Suitable applications include city surveillance.

AXIS P5635-E features a continuous 360° pan capability, with no mechanical stop, for fast camera repositioning and smooth, continuous tracking of an object.

AXIS P5635-E has day/night functionality and good low light performance. It supports Axis' unique Wide Dynamic Range - Forensic Capture (120 dB), which enables details in both very bright and dark areas of a scene to be visible. The camera also offers Axis' Electronic Image Stabilization (EIS) for better video and bandwidth savings in vibrating conditions.

The outdoor-ready AXIS P5635-E supports shock detection, which enables the camera to send an alarm when it

has been hit. The camera's built-in intelligent functionalities include video motion detection, audio detection and Advanced Gatekeeper, which allows the camera to detect an object in a specified area and zoom in on it. Support for AXIS Camera Application Platform enables other intelligent video functionalities to be downloaded to the camera.

Other features include two-way audio, four configurable inputs/outputs for connection to external devices, Power over Ethernet Plus (PoE+), 24 V AC/DC and an SD card slot for local storage of recordings.

- > Continuous 360° pan
- > HDTV 1080p with 30x optical zoom
- > Day/Night, WDR - Forensic Capture
- > EIS, Shock detection
- > Audio, I/Os
- > PoE+, 24 V AC/DC

Note: Wall mount bracket sold separately.



Technical Specifications - AXIS P5635-E PTZ Dome Network Camera

Models	AXIS P5635-E 50 Hz: HDTV 1080p, PTZ, Indoor/Outdoor AXIS P5635-E 60 Hz: HDTV 1080p, PTZ, Indoor/Outdoor	Event actions	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, External output activation, Play audio clip, WDR mode, Send SNMP trap
Camera		Data streaming	Event data
Image sensor	1/2.9" progressive scan CMOS	Built-in installation aids	Pixel counter
Lens	f = 4.3 - 129 mm, F1.6 - 4.7, Autofocus, Auto iris Horizontal angle of view: 63.5° - 2.4° view	General	
Day and night	Automatically removable infrared-cut filter	Casing	IP66-, IK09- and NEMA 4X-rated, metal casing (aluminum), clear dome (PC), repaintable skin cover
Minimum illumination	Color: 0.3 lux at 30 IRE B/W: 0.01 lux at 30 IRE	Memory	512 MB RAM, 256 MB Flash
Shutter time	1/28000 s to 2 s	Power	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)
Pan/Tilt/Zoom	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	Connectors	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)
Video		Edge storage	SDHC UHS-I/SDXC UHS-I slot supporting memory card up to 64 GB (card not included) Support for recording to dedicated network-attached storage (NAS)
Video compression	H.264 Baseline, Main and High Profiles (MPEG-4 Part 10/AVC) Motion JPEG	Operating conditions	-30 °C to 50 °C (-22 °F to 122 °F) Humidity 10-100% RH (condensing)
Resolutions	1920x1080 (HDTV 1080p) to 320x180	Storage conditions	-40 °C to 70 °C (-40 °F to 158 °F)
Frame rate	H.264/Motion JPEG: Up to 25/30 fps (50/60 Hz) in all resolutions	Approvals	EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN 55024, EN 50121-4, IEC 62236-4, FCC Part 15 Subpart B Class A+B, IEC60333 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 60950-2-2, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC/EN 62262 IK09, 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
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264	Dimensions	217 x 188 x 188 mm (8.5 x 7.4 x 7.4 in)
Image settings	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, Electronic Image Stabilization, Manual shutter time, Text and image overlay, 20 individual 3D privacy masks, Image freeze on PTZ	Weight	2.5 kg (5.5 lb.)
Audio		Included accessories	RJ45 Push-pull Connector (IP66), Hard ceiling mount, Spring pipe adaptor, U-profile pipe adaptor, Installation Guide, Installation and Management Software CD, Windows decoder 1-user license, AVHS Authentication key
Audio streaming	Two-way	Optional accessories	AXIS T91B Mounts, AXIS P5635-E Smoked Dome, AXIS T94A02L Recessed Mount, Outdoor RJ45 cable with premounted connector, Axis 10-pin Push-pull System Connector, Axis Multicable C I/O Audio Power 1 m/5 m, AXIS T8133 Midspan 30 W 1-port, Repaintable skin covers
Audio compression	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate	Video management software	AXIS Camera Companion (included), AXIS Camera Station and video management software from Axis' Application Development Partners (not included). For more information, see www.axis.com/products/video/software
Audio input/output	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)	Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
Network		a. <i>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).</i>	
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized certificate management	More information is available at www.axis.com	
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH		
System integration			
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at www.axis.com AXIS Video Hosting System with One-click Connection ONVIF Profile S, specification at www.onvif.org		
Analytics	Video motion detection, Audio detection, Advanced Gatekeeper Support for AXIS Camera Application Platform, enabling installation of additional applications, see www.axis.com/acap		
Event triggers	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 Time: Recurrence, Use schedule		