

AXIS P5635-E PTZ Dome Network Camera

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



- > 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

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.

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, IEC60068-2-1, IEC60068-2-2, IEC60068-2-3, IEC60068-2-4, IEC60068-2-5, IEC60068-2-6, IEC60068-2-7, IEC60068-2-8, IEC60068-2-9, IEC60068-2-10, IEC60068-2-11, IEC60068-2-12, IEC60068-2-13, IEC60068-2-14, IEC60068-2-15, IEC60068-2-16, IEC60068-2-17, IEC60068-2-18, IEC60068-2-19, IEC60068-2-20, IEC60068-2-21, IEC60068-2-22, IEC60068-2-23, IEC60068-2-24, IEC60068-2-25, IEC60068-2-26, IEC60068-2-27, IEC60068-2-28, IEC60068-2-29, IEC60068-2-30, IEC60068-2-31, IEC60068-2-32, IEC60068-2-33, IEC60068-2-34, IEC60068-2-35, IEC60068-2-36, IEC60068-2-37, IEC60068-2-38, IEC60068-2-39, IEC60068-2-40, IEC60068-2-41, IEC60068-2-42, IEC60068-2-43, IEC60068-2-44, IEC60068-2-45, IEC60068-2-46, IEC60068-2-47, IEC60068-2-48, IEC60068-2-49, IEC60068-2-50, IEC60068-2-51, IEC60068-2-52, IEC60068-2-53, IEC60068-2-54, IEC60068-2-55, IEC60068-2-56, IEC60068-2-57, IEC60068-2-58, IEC60068-2-59, IEC60068-2-60, IEC60068-2-61, IEC60068-2-62, IEC60068-2-63, IEC60068-2-64, IEC60068-2-65, IEC60068-2-66, IEC60068-2-67, IEC60068-2-68, IEC60068-2-69, IEC60068-2-70, IEC60068-2-71, IEC60068-2-72, IEC60068-2-73, IEC60068-2-74, IEC60068-2-75, IEC60068-2-76, IEC60068-2-77, IEC60068-2-78, IEC60068-2-79, IEC60068-2-80, IEC60068-2-81, IEC60068-2-82, IEC60068-2-83, IEC60068-2-84, IEC60068-2-85, IEC60068-2-86, IEC60068-2-87, IEC60068-2-88, IEC60068-2-89, IEC60068-2-90, IEC60068-2-91, IEC60068-2-92, IEC60068-2-93, IEC60068-2-94, IEC60068-2-95, IEC60068-2-96, IEC60068-2-97, IEC60068-2-98, IEC60068-2-99, IEC60068-2-100
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264		
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		
Audio			
Audio streaming	Two-way		
Audio compression	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate		
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)		
Network			
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized certificate management		
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		

a. 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).

More information is available at www.axis.com