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

Models	AXIS P5635–E 50 Hz AXIS P5635–E 60 Hz

Camera

Image sensor	Progressive scan CMOS 1/2.8"
Lens	4.3–129 mm, F1.6–4.7 Horizontal angle of view: 63.5˚–2.4˚ Vertical angle of view: 38.4˚–1.5˚ Autofocus, auto-iris
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.3 lux at 30 IRE F1.6 B/W: 0.01 lux at 30 IRE F1.6
Shutter time	1/28000 s to 2 s
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

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolutions	1920x1080 (HDTV 1080p) to 320x180
Frame rate	Up to 25/30 fps (50/60 Hz) in all resolutions
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, Manual shutter time, Text and image overlay, 20 individual 3D privacy masks, Image freeze on PTZ Electronic Image Stabilization

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™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP

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-Connection ONVIF Profile S, specification at www.onvif.org
Analytics	Video motion detection, Advanced Gatekeeper Audio detection Support for AXIS Camera Application Platform enabling installation of third-party 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
Event actions	Time: Recurrence, Use schedule
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, Send SNMP trap, External output activation, Play audio clip, WDR mode
Data streaming	Event data
Built-in installation aids	Pixel counter

General

Casing	IP66-, IK10- and NEMA 4X-rated metal casing (aluminum), Clear dome (PC), Repaintable skin cover
Memory	512 MB RAM, 256 MB Flash
Power	**Axis PoE+ midspan 1–port:** 100–240 V AC IEEE 802.3at Type 2 Class 4 Camera consumption: typical 9 W, max 20 W **Multi–connector cable:** 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)
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)
Edge storage	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 www.axis.com
Operating conditions	-30 °C to 50 °C (-22 °F to 122 °F) Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 70 °C (-40 °F to 158 °F)
Approvals	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
Dimensions	217 x 188 x 188 mm (8 9/16 x 7 3/8 x 7 3/8 in)
Weight	2.5 kg (5.5 lb)
Included accessories	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
Optional accessories	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
Video management software	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty

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 (eay@cryptsoft.com).*

More information is available at www.axis.com

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