

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](#)
- > [Axis Zipstream technology](#)
- > [120 dB Wide Dynamic Range - Forensic Capture](#)
- > [Electronic Image Stabilization & shock detection](#)
- > [Advanced Gatekeeper & audio detection](#)



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Models	AXIS P5635-E 50 Hz AXIS P5635-E 60 Hz	Time: recurrence, use schedule
Camera		Event actions
Image sensor	Progressive scan CMOS 1/2.8"	Day/night mode, overlay text, video recording to edge storage, pre- and post-alarm video buffering, send SNMP trap, WDR mode External output activation, play audio clip PTZ: PTZ preset, start/stop guard tour File upload via FTP, SFTP, HTTP, HTTPS and email Notification via email, HTTP, HTTPS and TCP
Lens	4.3–129 mm, F1.6–4.7 Horizontal field of view: 63.5°–2.4° Vertical field of view: 38.4°–1.5° Autofocus, auto-iris	Data streaming
Day and night	Automatically removable infrared-cut filter	Event data
Minimum illumination	Color: 0.3 lux at 30 IRE F1.6 B/W: 0.01 lux at 30 IRE F1.6 Color: 0.4 lux at 50 IRE F1.6 B/W: 0.02 lux at 50 IRE F1.6	Built-in installation aids
Shutter time	1/28000 s to 2 s	Pixel counter
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	General
Video		Casing
Video compression	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
Resolutions	1920x1080 (HDTV 1080p) to 320x180	Sustainability
Frame rate	Up to 25/30 fps (50/60 Hz) in all resolutions	PVC free
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth Axis' Zipstream technology in H.264 VBR/MBR H.264	Memory
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	512 MB RAM, 256 MB Flash
Audio		Power
Audio streaming	Two-way	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)
Audio compression	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate	Connectors
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)	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 Power 1 m/5 m, not included)
Network		Storage
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized certificate management	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
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, NTCIP	Operating conditions
System integration		-30 °C to 50 °C (-22 °F to 122 °F) Humidity 10–100% RH (condensing)
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	Storage conditions
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	-40 °C to 70 °C (-40 °F to 158 °F)
Event triggers	Detectors: live stream accessed, video motion detection, shock detection, day/night mode, audio detection Hardware: network, temperature Input Signal: manual trigger, virtual inputs, digital input signal PTZ: error, moving, preset reached, ready Storage: disruption, recording System: system ready	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, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR22 Class B, KCC KN22 Class B, KN35, 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, Traditional Chinese
		Warranty
		Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
		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>
		Environmental responsibility: www.axis.com/environmental-responsibility