AXIS P5534-E PTZ Dome Network Camera

Outdoor-ready HDTV camera with 18x zoom.

> **HDTV 720p, day/night and H.264**

> **Outdoor-ready: IP66 and NEMA 4X rated**

> **18x optical zoom**

> **Advanced Gatekeeper functionality**

> **Power over Ethernet Plus (IEEE 802.3at)**

The outdoor-ready AXIS P5534-E PTZ Dome Network Camera offers outstanding HDTV-quality video and 18x zoom, enabling surveillance of a large area and great details when zooming in. With quick and reliable installation features, it is ideal for city and perimeter surveillance, and for use at airports and train stations.

AXIS P5534-E provides HDTV 720p in compliance with SMPTE 296M standard of 1280 x 720 pixel resolution, full frame rate, HDTV color fidelity and a 16:9 format. The day and night camera can deliver multiple H.264 and Motion JPEG streams simultaneously.

The PTZ dome camera provides 18x optical and 12x digital zoom with autofocus. With the unique Auto-flip functionality, it can pan 360° to continuously follow an object. The camera's Advanced Gatekeeper functionality enables it to automatically move to a preset position when motion is detected in a pre-defined area.

The IP66- and NEMA 4X-rated AXIS P5534-E provides cost-efficient installation since no external housing is required. It can operate in temperatures from -20 °C (-4 °F) up to 50 °C (122 °F).

AXIS P5534-E is powered with Power over Ethernet Plus (PoE+), which makes installation easy since only one cable is needed for carrying power, video and PTZ commands. A PoE+ midspan is supplied.

The camera supports edge storage with its built-in SD/SDHC memory card slot.

Note: Mounting brackets are sold separately

Technical specifications – AXIS P5534–E PTZ Dome Network Camera

Camera

Models	AXIS P5534–E 60 Hz; AXIS P5534–E 50 Hz
Image sensor	1/3" progressive scan CCD 1.3 megapixel
Lens	f=4.7 – 84.6 mm, F1.6 – 2.8, autofocus, automatic day/night Horizontal angle of view: 55.2° - 3.2°
Minimum illumination	Color: 0.74 lux at 30 IRE F1.6 B/W: 0.04 lux at 30 IRE F1.6
Shutter time	1/10000 s to 1/4 s
Pan/tilt/zoom	E-flip, Auto-flip, 100 preset positions Pan: 360° (with Auto-flip), 0.2° - 300°/s Tilt: 180°, 0.2° – 300°/s 18x optical zoom and 12x digital zoom, total 216x zoom
Pan/tilt/zoom functionalities	Limited guard tour Control queue On-screen directional indicator

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Motion JPEG
Resolutions	HDTV 720p 1280x720 to 320x180
Frame rate	H.264: Up to 30/25 fps (60/50 Hz) in all resolutions Motion JPEG: Up to 30/25 fps (60/50 Hz) in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264
Image settings	Wide dynamic range (WDR), manual shutter time, compression, color, brightness, sharpness, white balance, exposure control, exposure zones, backlight compensation, fine tuning of behavior at low light, rotation, text and image overlay, 3D privacy mask, image freeze on PTZ

Network

Security	Password protection, IP address filtering, HTTPS encryption*, IEEE 802.1X network access control*, digest authentication, user access log
Supported protocols	IPv4/v6, HTTP, HTTPS*, SSL/TLS*, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform from Axis Communications; specifications available at www.axis.com ONVIF, specification available at www.onvif.org AXIS Video Hosting System (AVHS) with One-Click Camera Connection
Intelligent video	Video motion detection, Advanced Gatekeeper AXIS Camera Application Platform enabling installation of additional applications
Event triggers	Video motion detection, AXIS Camera Application Platform, PTZ preset, temperature, memory card full
Event actions	File upload: FTP, HTTP, network share and email Notification: email, HTTP and TCP PTZ preset, video recording to edge storage Pre- and post-alarm video buffering
Data streaming	Event data
Installation aid	Pixel counter

General

Casing	IP66- and NEMA 4X-rated metal casing (aluminum), acrylic (PMMA) clear dome, sunshield (PC/ASA)
Memory	256 MB RAM, 128 MB Flash
Power	Power over Ethernet Plus (PoE+) IEEE 802.3at, max. 30 W AXIS T8123 High PoE Midspan 1-port included: 100-240 V AC, max. 37 W
Connectors	RJ-45 for 10BASE-T/100BASE-TX PoE IP66-rated RJ-45 connector kit included
Edge storage	SD/SDHC/SDXC slot supporting memory card up to 64 GB (card not included) Support for recording to network share (network-attached storage or file server)
Operating conditions	–20 °C to 50 °C (-4 °F to 122 °F) Humidity 10 - 100% RH (condensing)
Approvals	EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22, EN 60950-1, KCC Class B IEC 60529 IP66, NEMA 250 Type 4X IEC 60721-4-3 Class 4K1, 4C3, 4M3 EN/IEC 60068-2 Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR
Weight	2.0 kg (4.4 lb.)
Included accessories	AXIS T8123 High PoE Midspan 1-port, IP66-rated RJ-45 connector kit, smoked dome cover, Installation Guide, Installation and Management Software CD, Windows decoder 1-user license

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org)

More information is available at www.axis.com

Dimensions

211 mm (8.3")
195 mm (7.7")
∅ 212 mm (8.3")
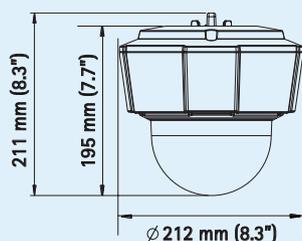
Optional accessories

AXIS T91A Mounting Accessories

Wall   Corner   Ceiling   Pendant kit

5 m Cat-6 cable with pre-mounted IP66-rated RJ-45 connector

AXIS T8310 Video Surveillance Control Board

AXIS T90A Illuminators

AXIS P8221 Network I/O Audio Module

AXIS Camera Companion (included), AXIS Camera Station and video management software from Axis' Application Development Partners (not included). See www.axis.com/products/video/software/

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