AXIS P5414-E PTZ Dome Network Camera

Intelligent direct drive PTZ dome with HDTV 720p

AXIS P5414-E is an outdoor-ready HDTV 720p PTZ dome with 18x optical zoom. Designed to blend in with a building, AXIS P5414-E mounts directly on the wall with a built-in bracket for ease of installation. When mounted on the corner of a building, it enables 270° pan for wide area coverage. AXIS P5414-E features a direct drive pan/tilt system with no belts or gears, enabling reliable, low-maintenance mechanics. The sunshield can be easily removed and repainted to match the wall color. A hidden junction box supports two-way audio, a memory card slot, four configurable input/output ports, 24 V DC and Power over Ethernet.

- > Outdoor wall-mount design for easy installation
- > Repaintable, integrated sunshield
- > Durable, low maintenance mechanics
- > HDTV 720p performance and 18x optical zoom
- > Two-way audio & input/output ports

AXIS P5414-E PTZ Dome Network Camera

Models	AXIS P5414-E 50 Hz AXIS P5414-E 60 Hz
Camera	
Image sensor	1/2.8" progressive scan RGB CMOS
Lens	4.7–84.6 mm, F1.6–2.8 Horizontal field of view: 59°–4° Vertical field of view: 35°–2° Autofocus
Day and night	Automatically removable infrared-cut filter
Minimum illumination	**Color:** 0.4 lux at 30 IRE F1.6 **B/W:** 0.04 lux at 30 IRE F1.6
Shutter time	1/28000 s to 2 s
Pan/Tilt/Zoom	Pan: ± 135°[a] 0.2°–350°/s Tilt: 0°–90° 0.2°–350°/s Zoom: 18x optical, 12x digital zoom, Total 216x zoom Nadir flip, 100 preset positions, limited guard tour, control queue, focus window, on-screen directional indicator
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline and Main Profiles Motion JPEG
Resolution	1280x720 to 160x90
Frame rate	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	Compression, color, brightness, sharpness, contrast, white balance, exposure control, exposure zones, WDR, backlight compensation, fine tuning of behavior at low light, text and image overlay, 20 individual 3D privacy masks
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
Network	
Security	Password protection, IP address filtering, HTTPS[b] encryption, IEEE 802.1X[b] network access control, Digest authentication, User access log, Centralized Certificate Management
Supported protocols	IPv4/v6, HTTP, HTTPS[b], SSL/TLS[b], 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 (AVHS) with One-Click Connection ONVIF® Profile S and ONVIF® Profile G, specification at *www.onvif.org*
Analytics	AXIS Video Motion Detection 4, audio detection, advanced gatekeeper 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 Hardware: network, temperature, fan Input Signal: manual trigger, virtual inputs PTZ: error, moving, preset reached, ready Storage: disruption, recording System: system ready Time: recurrence, use schedule
Event actions	Day/night mode, overlay text, video recording to edge storage, pre- and post-alarm video buffering, external output activation, send SNMP trap, play audio clip PTZ: PTZ preset, start/stop guard tour File upload via FTP, SFTP, HTTP, HTTPS network share and email Notification via email, HTTP, HTTPS and TCP
Data streaming	Event data
Built-in installation aids	Pixel counter
General	
Casing	IP66- and NEMA 4X-rated, IK07 impact-resistance Metal casing (aluminum), clear dome (PC), sunshield (ASA)
Sustainability	PVC free
Memory	256 MB RAM, 128 MB Flash
Power	**Axis PoE+ midspan 1-port:** 100–240 V AC, max 37 W IEEE 802.3at Type 2 Class 4 **Multi-connector cable:** 24 V DC, max 16 W PoE+ midspan and power supply not included.
Connectors	RJ45 for 10BASE-T/100BASE-TX PoE Terminal blocks for DC input, 4 configurable alarm inputs/outputs, mic in/line in, line out
Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see *www.axis.com*
Operating conditions	-20 °C to 50 °C (-4 °F to 122 °F) Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 10–80% RH (non-condensing)
Approvals	EN 50121-4, IEC 62236-4: 2008, EN 50581, EN 55022 Class B, 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 Class B, KCC KN22 Class B, KN24, IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-30, IEC 60068-2-78, IEC 60529 IP66, NEMA 250 Type 4X, IEC 62262 Class IK07, ISO 4892-2
Dimensions	265 x 169 x 224 mm (10 7/16 x 6 5/8 x 8 13/16 in)
Weight	3.5 kg (7.7 lb.)
Included accessories	Installation Guide, AVHS Authentication key, Windows decoder 1-user license AXIS ACI Conduit Adapter 3/4" U-Shape 30 mm Weather Cover
Optional accessories	AXIS P54 Smoked Dome AXIS T8133 Midspan 30 W 1-port AXIS T8415 Wireless Installation Tool AXIS T94P01B Corner Bracket AXIS T98A19-VE Surveillance Cabinet For more accessories, see *www.axis.com*
Video management software	AXIS 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. *With corner-mount installations, there is slight visual obstruction from the housing in the upper left/right corner of the image at pan end points.*
b. *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).*

Environmental responsibility:

axis.com/environmental-responsibility

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