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°
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 control, 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

**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-UC: 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 encryption, IEEE 802.1X network access control, Digest authentication, User access log, Centralized Certificate Management

**Supported protocols**
IPv4/IPv6, HTTP, HTTPS, SSL/TLS, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTPC

**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/ocp

**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/live, 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)
~40 °C to 65 °C (–40 °F to 149 °F)

**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 T94P018 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**
3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty

- 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.
- 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:**
www.axis.com/environmental-responsibility

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