

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

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|--|---|---|--|
| Models | AXIS P5414-E 50 Hz AXIS P5414-E 60 Hz | 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 | |
| Camera | | | |
| Image sensor | 1/2.8" progressive scan RGB CMOS | Data streaming Event data | |
| Lens | 4.7–84.6 mm, F1.6–2.8 Horizontal field of view: 59°–4° Vertical field of view: 35°–2° Autofocus | Built-in installation aids Pixel counter | |
| Day and night | Automatically removable infrared-cut filter | General | |
| Minimum illumination | Color: 0.4 lux at 30 IRE F1.6 B/W: 0.04 lux at 30 IRE F1.6 | Casing IP66- and NEMA 4X-rated, IK07 impact-resistance Metal casing (aluminum), clear dome (PC), sunshield (ASA) | |
| Shutter time | 1/28000 s to 2 s | Sustainability PVC free | |
| 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 | Memory 256 MB RAM, 128 MB Flash | |
| Video | | | |
| Video compression | H.264 (MPEG-4 Part 10/AVC) Baseline and Main Profiles Motion JPEG | 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. | |
| Resolution | 1280x720 to 160x90 | Connectors RJ45 for 10BASE-T/100BASE-TX PoE Terminal blocks for DC input, 4 configurable alarm inputs/outputs, mic in/line in, line out | |
| Frame rate | Up to 30/25 fps (60/50 Hz) in all resolutions | 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 | |
| Video streaming | Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264 | Operating conditions -20 °C to 50 °C (-4 °F to 122 °F) Humidity 10–100% RH (condensing) | |
| 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 | Storage conditions -40 °C to 65 °C (-40 °F to 149 °F) Humidity 10–80% RH (non-condensing) | |
| Audio | | | |
| Audio streaming | Two-way | 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 | |
| Audio compression | AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate | Dimensions 265 x 169 x 224 mm (10 7/16 x 6 5/8 x 8 13/16 in) | |
| Audio input/output | External microphone or line input, and line output | Weight 3.5 kg (7.7 lb.) | |
| 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 | Included accessories Installation Guide, AVHS Authentication key, Windows decoder 1-user license AXIS ACI Conduit Adapter 3/4" U-Shape 30 mm Weather Cover | |
| Supported protocols | IPv4/v6, HTTP, HTTPS ^b , SSL/TLS ^b , 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, NTCP | 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 | |
| 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 | Video management software AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on www.axis.com/techsup/software | |
| 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 | Languages English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese | |
| 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 | Warranty Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty | |
| 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 | | |

- 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 (ey@cryptsoft.com).

Environmental responsibility:

axis.com/environmental-responsibility