

## 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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|--|---|---|--|
| <b>Models</b>                            | AXIS P5414-E 50 Hz<br>AXIS P5414-E 60 Hz  | PTZ: PTZ preset, start/stop guard tour<br>File upload via FTP, SFTP, HTTP, HTTPS network share and email<br>Notification via email, HTTP, HTTPS and TCP |  |
| <b>Camera</b>                            |   |   |  |
| <b>Image sensor</b>                      | Progressive scan RGB CMOS 1/2.8"  | <b>Data streaming</b> Event data  |  |
| <b>Lens</b>                              | 4.7–84.6 mm, F1.6–2.8<br>Horizontal angle of view: 59°–4°<br>Vertical angle of view: 35°–2°<br>Autofocus  | <b>Built-in installation aids</b> Pixel counter   |  |
| <b>Day and night</b>                     | Automatically removable infrared-cut filter   | <b>General</b>  |  |
| <b>Minimum illumination</b>              | Color: 0.4 lux at 30 IRE F1.6<br>B/W: 0.04 lux at 30 IRE F1.6   | <b>Casing</b>   | IP66- and NEMA 4X-rated, IK07 impact-resistance<br>Metal casing (aluminum), clear dome (PC), sunshield (ASA)   |
| <b>Shutter time</b>                      | 2 s to 1/28000 s  | <b>Sustainability</b>   | PVC free   |
| <b>Pan/Tilt/Zoom</b>                     | 18x optical zoom and 12x digital zoom, total 216x zoom<br>100 preset positions, Limited guard tour, Control queue, Focus window, On-screen directional indicator<br>Pan: ± 135° <sup>a</sup><br>0.2°–350°/s<br>Tilt: 0°–90°<br>0.2°–350°/s  | <b>Memory</b>   | 256 MB RAM, 128 MB Flash   |
| <b>Video</b>                             |   |   | <b>Power</b>   |
| <b>Video compression</b>                 | H.264 Main and Baseline Profiles (MPEG-4 Part 10/AVC)<br>Motion JPEG  | <b>Connectors</b>   | <b>Axis PoE+ midspan 1-port:</b><br>100–240 V AC, max 37 W<br>IEEE 802.3at Type 2 Class 4<br><b>Multi-connector cable:</b><br>24 V DC, max 16 W<br>PoE+ midspan and power supply not included. |
| <b>Resolutions</b>                       | 1280x720 to 160x90  | <b>Storage</b>  | RJ45 for 10BASE-T/100BASE-TX PoE<br>Terminal blocks for DC input, 4 configurable alarm inputs/outputs,<br>Mic in/Line in, Line out   |
| <b>Frame rate</b>                        | Up to 25/30 fps (50/60 Hz) in all resolutions   | <b>Operating conditions</b>   | Support for microSD/microSDHC/microSDXC card<br>Support for recording to dedicated network-attached storage (NAS)  |
| <b>Video streaming</b>                   | Multiple, individually configurable streams in H.264 and Motion JPEG<br>Controllable frame rate and bandwidth<br>VBR/CBR H.264  | <b>Storage conditions</b>   | –20 °C to 50 °C (–4 °F to 122 °F)<br>Humidity 10–100% RH (condensing)  |
| <b>Image settings</b>                    | Wide dynamic range, Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Exposure zones, Backlight compensation, Fine tuning of behavior at low light, Text and image overlay, 20 individual 3D privacy masks  | <b>Approvals</b>  | –40 °C to 65 °C (–40 °F to 149 °F)<br>Humidity 10–80% RH (non-condensing)  |
| <b>Audio</b>                             |   |   | <b>Dimensions</b>  |
| <b>Audio streaming</b>                   | Two-way   | <b>Weight</b>   | 265 x 169 x 224 (10 7/16 x 6 5/8 x 8 13/16 in)   |
| <b>Audio compression</b>                 | AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz<br>Configurable bit rate  | <b>Included accessories</b>   | 3.5 kg (7.7 lb.)   |
| <b>Audio input/output</b>                | External microphone or line input, and line output  | <b>Optional accessories</b>   | Installation Guide, AVHS Authentication key, Windows decoder 1-user license<br>AXIS ACI Conduit Adapter 3/4" U-Shape 30 mm<br>Weather Cover  |
| <b>Network</b>                           |   |   | <b>Video management software</b>   |
| <b>Security</b>                          | Password protection, IP address filtering, HTTPS <sup>b</sup> encryption, IEEE 802.1X <sup>b</sup> network access control, Digest authentication, User access log, Centralized Certificate Management   | <b>Languages</b>  | AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development   |
| <b>Supported protocols</b>               | IPv4/v6, HTTP, HTTPS <sup>b</sup> , SSL/TLS <sup>b</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCP                                 | <b>Warranty</b>   | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese  |
| <b>System integration</b>                |   |   |  |
| <b>Application Programming Interface</b> | Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform;<br>AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S   |   |  |
| <b>Analytics</b>                         | Video motion detection, Audio detection, Advanced Gatekeeper Support for AXIS Camera Application Platform enabling installation of third-party applications   |   |  |
| <b>Event triggers</b>                    | Detectors: live stream accessed, video motion detection<br>Hardware: network, temperature, fan<br>Input Signal: manual trigger, virtual inputs<br>PTZ: error, moving, preset reached, ready<br>Storage: disruption, recording<br>System: system ready<br>Time: recurrence, use schedule |   |  |
| <b>Event actions</b>                     | Day/night mode, overlay text, external output activation, video recording to edge storage, pre- and post-alarm video buffering, play audio clip, send SNMP trap   |   |  |