

AXIS P1448-LE

Fully-featured, all-around 4K surveillance

AXIS P1448-LE Network Camera is a cost-effective, all-around camera providing excellent image quality at full frame rate in 8 megapixel resolution and in 16:9 format. Fully-featured with Lightfinder, OptimizedIR and Forensic WDR, forensic details are captured even in challenging light conditions including low light and strong backlight. Outdoor-ready with a wide temperature range, this sturdy and impact resistant camera has shock detection and is ready for extreme temperatures. AXIS P1448-LE offers easy installation with remote zoom and focus for fine tuning of the picture. With Axis Zipstream, I/O and audio support, AXIS P1448-LE got you covered.

- > **4K Ultra HD resolution in full frame rate**
- > **Ease of installation**
- > **Forensic WDR, Lightfinder, and OptimizedIR**
- > **I/O and audio support**
- > **Axis Zipstream technology**



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| Camera | | Event actions | |
|-----------------------------------|--|---|---|
| Image sensor | 1/2.5" progressive scan RGB CMOS | Record video: SD card and network share | Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email Pre- and post-alarm video or image buffering for recording or upload Notification: email, HTTP, HTTPS, TCP and SNMP trap PTZ: PTZ preset, start/stop guard tour Overlay text, external output activation, day/night mode |
| Lens | 2.8–9.8 mm, F1.6 Horizontal field of view 109°–37° Vertical field of view 57°–21° Varifocal, Autofocus, Remote focus and zoom, P-Iris control, IR corrected | | |
| Day and night | Automatically removable infrared-cut filter | | |
| Minimum illumination | Color: 0.18 lux, at 50 IRE F1.6 B/W: 0.04 lux, at 50 IRE F1.6 0 lux with IR illumination on | | |
| Shutter time | 1/62500 s to 2 s | | |
| Video | | Data streaming | Event data |
| Video compression | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG | Built-in installation aids | Pixel counter, remote zoom (3.5x optical), remote focus, auto rotation |
| Resolution | 3840x2160 to 160x90 | General | |
| Frame rate | Up to 25/30 fps (50/60 Hz) in all resolutions | Casing | IP66/IP67-, NEMA 4X-, and IK10-rated casing Polycarbonate blend and aluminium Color: white NCS S 1002-B |
| Video streaming | Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264 | Sustainability | PVC free |
| Multi-view streaming | Up to 8 individually cropped out view areas | Memory | 1024 MB RAM, 512 MB Flash |
| Image settings | Saturation, contrast, brightness, sharpness, Forensic WDR: Up to 120 dB depending on scene, white balance, day/night threshold, exposure mode, exposure zones, compression, orientation: auto, 0°, 90°, 180°, 270° including Corridor Format, mirroring of images, dynamic text and image overlay, privacy masks | Power | Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 Typical: 7.1 W, max 12.95 W |
| Pan/Tilt/Zoom | Digital PTZ | Connectors | RJ45 10BASE-T/100BASE-TX PoE 3.5 mm mic/line in I/O: 4-pin terminal block for 1 alarm input and 1 output |
| Audio | | IR illumination | Optimized IR, highly efficient LEDs with adjustable intensity and angle of illumination. Range up to 25 m (82 ft) |
| Audio streaming | Audio in, simplex | 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 |
| Audio compression | 24bit LPCM, AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rate | Operating conditions | –40 °C to 60 °C (–40 °F to 140 °F) Humidity 10–100% RH (condensing) |
| Audio input/output | External microphone input or line input | Storage conditions | –40 °C to 65 °C (–40 °F to 149 °F) |
| Network | | Approvals | EMC EN 55032 Class A, EN 50121-4, IEC 62236-4, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KCC KN32 Class A, KN35 Safety IEC/EN/UL 62368-1, IEC/EN/UL 60950-22 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66/IP67, IEC/EN 62262 IK10, NEMA 250 Type 4X Other IEC 62471 |
| Security | Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, digest authentication, user access log, centralized certificate management | Weight | With weather shield: 1 kg (2.2 lb) |
| Supported protocols | IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP [®] , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP | Dimensions | Ø132 x 260 mm (Ø5 3/16 x 10 1/4 in) |
| System integration | | Included accessories | Installation guide, Windows [®] decoder 1-user license, drill hole template, connector kit, mounting bracket AXIS Weather Shield L |
| 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 onvif.org | Optional accessories | AXIS T94F01M J-Box/Gang Box Plate AXIS T91A47 Pole Mount AXIS T94P01B Corner Bracket AXIS T94F01P Conduit Back Box AXIS Weather Shield K Axis PoE Midspans For more accessories, see www.axis.com |
| Analytics | Included AXIS Video Motion Detection Supported AXIS Digital Autotracking, AXIS Perimeter Defender, AXIS Cross Line Detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap | Video management software | AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on www.axis.com/vms |
| Event triggers | Analytics Detectors: live stream accessed, video motion detection, audio detection, day/night mode, shock detection, tampering Hardware: network, temperature Input Signal: digital input port, manual trigger, virtual inputs Storage: disruption, recording System: system ready Time: recurrence, use schedule | 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. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).

Environmental responsibility:

www.axis.com/environmental-responsibility