

AXIS P1425-LE Network Camera

Compact and cost-effective surveillance with OptimizedIR

The bullet-style AXIS P1425-LE provides excellent image quality in HDTV 1080p resolution. The camera features a varifocal P-iris lens and Axis' OptimizedIR, a power-efficient IR LED technology providing automatic illumination of a scene in complete darkness. P-iris control provides optimal depth of field, resolution, image contrast and clarity. AXIS P1425-LE supports Axis' Corridor Format for vertically oriented video streams. The pixel counter assures that the required pixel resolution is met. Remote zoom and focus eliminate the need for hands-on fine tuning. The input/output port can be used for notification to an alarm panel or control of a relay. The outdoor-ready camera comes with an adjustable weather shield.

- > [HDTV 1080p resolution at full frame rate](#)
- > [Day & Night functionality](#)
- > [Built-in IR LEDs with OptimizedIR](#)
- > [Ease of installation](#)
- > [I/O support](#)



AXIS P1425-LE Network Camera

Camera		Pre- and post-alarm video buffering IR illumination
Image sensor	Progressive scan CMOS 1/2.8"	
Lens	3–10.5 mm, F1.4 Horizontal field of view: 33°–92° Varifocal, Autofocus, Remote focus and zoom, P-Iris control, IR corrected	Built-in installation aids Pixel counter, Remote zoom (3.5x optical), Remote focus
Day and night	Automatically removable infrared-cut filter	Data streaming Event data
Minimum illumination	Color: 0.25 lux at F1.4 B/W: 0.05 lux at F1.4 0 lux with IR illumination on	General
Shutter time	1/28000 s to 2 s with power line frequency 50 Hz 1/33500 s to 2 s with power line frequency 60 Hz	Casing IP66- and NEMA 4X-rated casing (polyester polycarbonate blend)
Video		Sustainability PVC free
Video compression	H.264 High, Main and Baseline profiles (MPEG-4 Part 10/AVC) Motion JPEG	Memory 256 MB RAM, 128 MB Flash
Resolutions	1920x1080 HDTV 1080p to 160x90 Meets relevant parts of SMPTE 274M (HDTV 1080p)	Power Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 Max 11.2 W
Frame rate	Up to 25/30 fps (50/60 Hz) in all resolutions	Connectors RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin terminal block for 1 alarm input and 1 output
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264	IR illumination Optimized IR, highly efficient LEDs with adjustable intensity and angle of illumination. Range up to 15 m (50 ft)
Image settings	Manual shutter time, Compression, Color, Brightness, Sharpness, White balance, Exposure control, Exposure zones, Fine tuning of behavior at low light, Text and image overlay, Privacy masks, IR illumination Wide Dynamic Range – Dynamic Contrast Rotation: 0°, 90°, 180°, 270°, including Corridor Format	Storage Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
Pan/Tilt/Zoom	Digital PTZ	Operating conditions -30 °C to 50 °C (-22 °F to 122 °F) Humidity 10–100% RH (condensing)
Network		Storage conditions -40 °C to 65 °C (-40 °F to 149 °F)
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log	Approvals EN 55022 Class A, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN 55024, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 22 Class A, KCC KN22 Class B, KN24, IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, IEC/EN 60529 IP66, NEMA 250 type 4X, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-27
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	Weight With weather shield: 788 g (1.74 lb)
System integration		Dimensions Ø132 x 260 mm (Ø5 3/16 x 10 1/4 in)
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 [®] Profiles S and G, specifications at www.onvif.org	Included accessories Mounting bracket, Drill template, Installation Guide, Windows decoder 1-user license AXIS Weather Shield L
Analytics	AXIS Video Motion Detection 3 Support for AXIS Camera Application Platform enabling installation of AXIS Cross Line Detection, AXIS Digital Autotracking and third-party applications, see www.axis.com/acap	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
Event triggers	Analytics Detectors: Day/Night Mode, Live Stream Accessed Tampering Hardware: Network, Temperature Input Signal: Manual Trigger, Virtual Inputs Storage: Disruption, Recording System: System Ready Time: Use Schedule, Recurrences	Video management software AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
Event actions	File upload: FTP, SFTP, HTTP, HTTPS network share and email Notification: email, HTTP, HTTPS and TCP and SNMP trap External output activation Video recording to edge storage	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 (<http://www.openssl.org/>), and cryptographic software written by Eric Young (ey@cryptsoft.com).

Environmental responsibility:

www.axis.com/environmental-responsibility