

AXIS P1427-E Network Camera

Compact and cost-effective 5 megapixel surveillance

The bullet-style AXIS P1427-E provides excellent image quality in 5 megapixel resolution. The camera features a varifocal P-iris lens. P-iris control provides optimal depth of field, resolution, image contrast and clarity. AXIS P1427-E supports Axis' Corridor Format for vertically oriented video streams. The pixel counter assures that the pixel resolution of an object fulfills requirements for identification purposes. 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 has an adjustable weather shield protecting it from rain, snow and direct sunlight.

- > **5 megapixel resolution at 12 fps**
- > **Day & Night functionality**
- > **Edge storage**
- > **Ease of installation**
- > **I/O support**



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Camera	
Image sensor	Progressive scan CMOS 1/3.2"
Lens	2.8–9.8 mm, F1.6 Horizontal field of view 27° – 92° Varifocal, Autofocus, Remote focus and zoom, P-Iris control, IR corrected
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.35 lux at F1.6 B/W: 0.07 lux at F1.6
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
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolutions	2592x1944 HDTV 1080p to 160x90 Meets relevant parts of SMPTE 274M (HDTV 1080p)
Frame rate	Up to 25/30 fps (50/60 Hz) in all resolutions Resolutions up to 1920x1080 (HDTV 1080p) and 1600x1200: Up to 25/30 fps (50/60 Hz) 3 MP capture mode: Up to 16/20 fps (50/60 Hz) 5 MP capture mode: Up to 12,5/12 fps (50/60 Hz)
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264
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 Wide Dynamic Range – Dynamic Contrast Rotation: 0°, 90°, 180°, 270°, including Corridor Format
Pan/Tilt/Zoom	Digital PTZ
Network	
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log
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
System integration	
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF [®] Profiles S and G
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.
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
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 Pre- and post-alarm video buffering PTZ preset, Overlay text
Built-in installation aids	Pixel counter, Remote zoom (3–3.5x optical), Remote focus
Data streaming	Event data
General	
Casing	IP66- and NEMA 4X-rated casing (polyester polycarbonate blend)
Sustainability	PVC free
Memory	512 MB RAM, 128 MB Flash
Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 Max 12.8 W
Connectors	RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin terminal block for 1 alarm input and 1 output
Storage	Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations.
Operating conditions	-30 °C to 50 °C (-22 °F to 122 °F) Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	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 EN 55022 Class A
Weight	With weather shield: 862 g (1.90 lb)
Dimensions	Ø132 x 260 mm (Ø5 3/16 x 10 1/4 in)
Included accessories	Mounting bracket, Drill template, Installation Guide, Windows decoder 1-user license AXIS Weather Shield L
Optional accessories	AXIS T94F01M J-Box/Gang Box Plate AXIS T91A47 Pole Mount AXIS T94P01B Corner Bracket AXIS T94F01P Conduit Back Box Axis PoE Midspans For more accessories,
Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available.
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	Axis 3-year warranty and AXIS Extended Warranty option.