

## AXIS P1425-E Network Camera

Compact and cost-effective HDTV surveillance

The bullet-style AXIS P1425-E provides excellent image quality in HDTV 1080p resolution. The camera features a varifocal P-iris lens. P-iris control provides optimal depth of field, resolution, image contrast and clarity. AXIS P1425-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.

- > [HDTV 1080p resolution at full frame rate](#)
- > [Day & Night functionality](#)
- > [Edge storage](#)
- > [Ease of installation](#)
- > [I/O support](#)



# AXIS P1425-E Network Camera

<b>Camera</b>		
<b>Image sensor</b>	Progressive scan CMOS 1/2.8"	Pre- and post-alarm video buffering PTZ preset, Overlay text
<b>Lens</b>	3–10.5 mm, F1.4 Horizontal field of view 33° – 92° Varifocal, Autofocus, Remote focus and zoom, P-Iris control, IR corrected	<b>Built-in installation aids</b> Pixel counter, Remote zoom (3–3.5x optical), Remote focus
<b>Day and night</b>	Automatically removable infrared-cut filter	<b>Data streaming</b> Event data
<b>Minimum illumination</b>	Color: 0.25 lux at F1.4 B/W: 0.05 lux at F1.4	<b>General</b>
<b>Shutter time</b>	1/28000 s to 2 s with power line frequency 50 Hz 1/33500 s to 2 s with power line frequency 60 Hz	<b>Casing</b> IP66- and NEMA 4X-rated casing (polyester polycarbonate blend)
<b>Video</b>		<b>Sustainability</b> PVC free
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	<b>Memory</b> 256 MB RAM, 128 MB Flash
<b>Resolutions</b>	1920x1080 HDTV 1080p to 160x90 Meets relevant parts of SMPTE 274M (HDTV 1080p)	<b>Power</b> Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 Typical 2.3 W, max 11 W
<b>Frame rate</b>	Up to 25/30 fps (50/60 Hz) in all resolutions	<b>Connectors</b> RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin terminal block for 1 alarm input and 1 output
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264	<b>Storage</b> Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>
<b>Image settings</b>	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	<b>Operating conditions</b> -30 °C to 50 °C (-22 °F to 122 °F) Humidity 10–100% RH (condensing)
<b>Pan/Tilt/Zoom</b>	Digital PTZ	<b>Storage conditions</b> -40 °C to 65 °C (-40 °F to 149 °F)
<b>Network</b>		<b>Approvals</b> 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
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log	<b>Weight</b> With weather shield: 796 g(1.75 lb)
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</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	<b>Dimensions</b> Ø132 x 260 mm (Ø5 3/16 x 10 1/4 in)
<b>System integration</b>		<b>Included accessories</b> Mounting bracket, Drill template, Installation Guide, Windows decoder 1-user license AXIS Weather Shield L
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF <sup>®</sup> Profiles S and G, specifications at <a href="http://www.onvif.org">www.onvif.org</a>	<b>Optional accessories</b> 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 <a href="http://www.axis.com">www.axis.com</a>
<b>Analytics</b>	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 <a href="http://www.axis.com/acap">www.axis.com/acap</a>	<b>Video management software</b> AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/techsup/software">www.axis.com/techsup/software</a>
<b>Event triggers</b>	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	<b>Languages</b> English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>Event actions</b>	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	<b>Warranty</b> Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>

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](mailto:ey@cryptsoft.com)).

**Environmental responsibility:**  
[www.axis.com/environmental-responsibility](http://www.axis.com/environmental-responsibility)