

## AXIS P1435-E Network Camera

Compact, cost-effective and flexible HDTV surveillance with WDR

With features such as Lightfinder and WDR – Forensic Capture, the AXIS P1435-E bullet camera provides excellent image quality in HDTV 1080p resolution, even in complex light conditions. The camera features corridor format, pixel counter, remote zoom and focus, as well as P-Iris control – ensuring optimal depth of field, resolution, image contrast and clarity. The I/O port can be used for notification to an alarm panel or control of a relay. Axis Zipstream technology reduces bandwidth and storage requirements. The outdoor-ready camera comes with an adjustable weather shield.

- > [Lightfinder and WDR – Forensic Capture](#)
- > [Axis Zipstream](#)
- > [HDTV 1080p at up to 60 fps](#)
- > [I/O support](#)
- > [Edge storage](#)



# AXIS P1435-E Network Camera

Camera	
<b>Image sensor</b>	Progressive scan CMOS 1/2.8"
<b>Lens</b>	3–10.5 mm, F1.4: Horizontal field of view 95° – 35° Vertical field of view 51° – 20° Varifocal, Autofocus, Remote focus and zoom, P-Iris control, IR corrected
<b>Day and night</b>	Automatically removable infrared-cut filter
<b>Minimum illumination</b>	3–10.5 mm, F1.4: Color: 0.12 lux at 30 fps Color: 0.24 lux at 60 fps B/W: 0.01 lux at 30 fps B/W: 0.02 lux at 60 fps WDR off: 0.07 lux WDR on: 0.08 lux
<b>Shutter time</b>	1/66500 s to 2 s
Video	
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
<b>Resolution</b>	HDTV 1080p 25/30 fps (WDR): 1920x1080 to 160x90 HDTV 1080p 50/60 fps (no WDR): 1920x1080 to 160x90 Meets relevant parts of SMPTE 274M (HDTV 1080p)
<b>Frame rate</b>	Up to 50/60 fps (50/60 Hz, no WDR) in all resolutions
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264
<b>Multi-view streaming</b>	Up to 8 individually cropped out view areas
<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 - Forensic Capture: Up to 120 dB depending on scene, Mirroring of images Rotation: 0°, 90°, 180°, 270°, including Corridor Format
<b>Pan/Tilt/Zoom</b>	Digital PTZ
Network	
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X (EAP-TLS) <sup>a</sup> network access control, digest authentication, user access log, brute force delay protection, signed firmware
<b>Supported protocols</b>	IPv4, IPv6 USGv6, 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
System integration	
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://axis.com">axis.com</a> AXIS Guardian with One-Click Connection ONVIF <sup>®</sup> Profile G, ONVIF <sup>®</sup> Profile S and ONVIF <sup>®</sup> Profile T, specification at <a href="http://onvif.org">onvif.org</a>
<b>Analytics</b>	Included AXIS Video Motion Detection 4 Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/acap">axis.com/acap</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>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 Pre- and post-alarm video buffering WDR mode PTZ control, Overlay text
<b>Built-in installation aids</b>	Pixel counter, Remote zoom (3–10.5 mm 3.5x optical), Remote focus
<b>Data streaming</b>	Event data
General	
<b>Casing</b>	IP66-, IP67-, NEMA 4X-rated casing (polyester polycarbonate blend)
<b>Sustainability</b>	PVC free
<b>Memory</b>	512 MB RAM, 256 MB Flash
<b>Power</b>	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 Typical 2.3 W, max 11 W
<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin terminal block for 1 alarm input and 1 output
<b>Storage</b>	Support for microSD/microSDHC/microSDXC card SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://axis.com">axis.com</a>
<b>Operating conditions</b>	-30 °C to 60 °C (-22 °F to 140 °F) Humidity 10–100% RH (condensing)
<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F)
<b>Approvals</b>	EN 61000-6-1, EN 61000-6-2, EN 50121-4, IEC 62236-4, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24, IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, IEC/EN 60529 IP66/IP67, NEMA 250 type 4X, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-27 EN 55022 Class B <b>Network</b> NIST SP500-267
<b>Weight</b>	With weather shield: 800 g (1.75 lb)
<b>Dimensions</b>	Ø132 x 260 mm (Ø5 3/16 x 10 1/4 in)
<b>Included accessories</b>	Mounting bracket, Drill template, Installation Guide, Windows decoder 1-user license AXIS Weather Shield L
<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://axis.com">axis.com</a>
<b>Video management software</b>	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://axis.com/support/downloads">axis.com/support/downloads</a>
<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://axis.com/warranty">axis.com/warranty</a>

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit ([openssl.org/](http://openssl.org/)), and cryptographic software written by Eric Young ([eyay@cryptsoft.com](mailto:eyay@cryptsoft.com)).

Environmental responsibility:

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