

## AXIS P1435-E Network Camera

Compact, cost-effective and flexible HDTV surveillance with WDR

With features such as Lightfinder and WDR – Forensic Capture, the bullet-style AXIS P1435-E 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 technology](#)
- > [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 angle of view 95° – 35° Vertical angle 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>	Color: 0.12 lux at F1.4 (30 fps) Color: 0.24 lux at F1.4 (60 fps) B/W: 0.02 lux at F1.4 (30 fps) B/W: 0.04 lux at F1.4 (60 fps)
<b>Shutter time</b>	1/66500 s to 2 s
Video	
<b>Video compression</b>	H.264 Main and Baseline profiles (MPEG-4 Part 10/AVC) Motion JPEG
<b>Resolutions</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, Controllable frame rate and bandwidth, VBR/MBR H.264 Axis' Zipstream technology in H.264
<b>Image settings</b>	Manual shutter time, Compression, Color, Brightness, Sharpness, White balance, Exposure control, Exposure zones, Backlight compensation, 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 <sup>a</sup> network access control, Digest authentication, User access log
<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> , SNMPv1/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://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a>
<b>Analytics</b>	Video motion detection Support for AXIS Camera Application Platform enabling installation of AXIS Video Motion Detection 3, 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>Event triggers</b>	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 (3.5x optical), Remote focus
<b>Data streaming</b>	Event data
General	
<b>Casing</b>	IP66-, NEMA 4X-rated casing (polyester polycarbonate blend)
<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>	RJ-45 10BASE-T/100BASE-TX PoE I/O: 4-pin terminal block for 1 alarm input and 1 output
<b>Edge 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>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, 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>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
<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 Weathershield K Axis PoE Midspans For more accessories, see <a href="http://www.axis.com">www.axis.com</a>
<b>Video management software</b>	AXIS Camera 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>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese
<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)).

More information is available at [www.axis.com](http://www.axis.com)