

AXIS P1357-E Network Camera

Outdoor-ready, fixed camera with 5-megapixel or HDTV 1080p

AXIS P1357-E delivers multiple H.264 and Motion JPEG video streams in 5-megapixel resolution or full frame rate HDTV 1080p resolution. Wide dynamic range and day and night functionality provide superb image quality in daylight and dark conditions. P-Iris control gives optimal depth of field and image sharpness. The camera supports Power over Ethernet (PoE) and High PoE in temperatures from -40 °C to 50 °C (-40 °F to 122 °F). It offers digital pan/tilt/zoom, multi-view streaming and a serial port for communication with auxiliary equipment. The remote back focus function enables fine-tuning of the focus from a computer.

- > [HDTV 1080p/5 MP quality](#)
- > [Outdoor-ready, IP66 rating](#)
- > [P-Iris control](#)
- > [Digital PTZ](#)
- > [Multi-view streaming](#)



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Camera		Event triggers	Intelligent video, Edge storage events, External input, Audio level, Time scheduled
Image sensor	Progressive scan RGB CMOS 1/3.2"	Event actions	File upload: FTP, HTTP, Network share and email Notification: email, HTTP and TCP Video and audio recording to edge storage, Pre- and post-alarm video buffering, PTZ preset, Guard tour, External output activation, Play audio clip, Day/Night switching, Status LED activation
Lens	IR-corrected, CS-mount lens P-Iris Varifocal 2.8-8 mm: 80°-32° view ^a , F1.2	Data streaming	Event data
Day and night	Automatically removable infrared-cut filter	Built-in installation aids	Focus assistant, Pixel counter, Remote back focus
Minimum illumination	Color: 0.2 lux, F1.2, B/W: 0.04 lux, F1.2	General	
Shutter time	Power line frequency 50/60 Hz: 1/24000 s to 2 s	Casing	Color: White NCS S 1002-B IP66- and NEMA 4X-rated, IK10 impact resistant aluminum enclosure
Video		Memory	512 MB RAM, 128 MB Flash
Video compression	H.264 (MPEG-4 Part 10/AVC), H.264 Baseline and Main Profile, Motion JPEG	Power	Power over Ethernet (PoE) IEEE 802.3af max. 12.95 W or High PoE max. 25.5 W
Resolutions	2592x1944 (5 MP) to 160x90	Connectors	RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin 2.5 mm terminal block, for 1 alarm input and 1 output RS485/RS422, 2 pcs, 2 pos, full duplex, terminal block DC input, terminal block, 3.5 mm mic/line in, 3.5 mm line out P-Iris connector (compatible with DC-iris)
Frame rate	Capture mode 2 MP/1080p@25/30 fps (50/60 Hz) Capture mode 3 MP@16/20 fps (50/60 Hz) Capture mode 5 MP@12.5/12 fps (50/60 Hz)	Edge storage	Support for microSD/microSDHC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG, Controllable frame rate and bandwidth, VBR/CBR H.264	Operating conditions	-30 °C to 50 °C (-22 °F to 122 °F) with PoE, down to -40 °C (-40 °F) with High PoE Humidity 10-100% RH (condensing)
Multi-view streaming	Up to 8 individually cropped out view areas When streaming 4 view areas and 1 overview in VGA resolution, the frame rate is 12 fps per stream (5 MP capture mode) or 20 fps per stream (3 MP capture mode)	Approvals	EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24, IEC/EN/UL 60950-1, IEC/EN/UL 60950-22 EN 50121-4/IEC 62236, IEC/EN/UL 60950-22, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC 60068-2-6, IEC 60068-2-27, IEC/EN 62262 IK10
Image settings	Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Exposure zones, Backlight compensation, Fine tuning of behavior at low light, WDR - dynamic contrast, Text and image overlay, Privacy mask, Mirroring of images	Dimensions	404 x 161 x 142 (15 15/16 x 6 5/16 x 5 9/16 in)
Audio		Weight	3.1 kg (6.8 lb)
Audio streaming	Two-way, full duplex	Included accessories	Connector kit, Installation Guide, Windows decoder 1-user license AXIS T94Q01A Wall Mount, Sunshield
Audio compression	AAC LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Configurable bit rate	Optional accessories	Axis mounts, Axis lenses, Axis midspans
Audio input/output	External microphone input or line input, line output	Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
Network		a. <i>Horizontal Angle of View</i> b. <i>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).</i>	
Security	Password protection, IP address filtering, HTTPS ^b encryption, IEEE 802.1X ^b network access control, Digest authentication, User access log	More information is available at www.axis.com	
Supported protocols	IPv4/v6, HTTP, HTTPS ^b , SSL/TLS ^b , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP [™] , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS		
System integration			
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 Profile S, specification at www.onvif.org		
Analytics	Video motion detection, Active tampering alarm, Audio 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 www.axis.com/acap		