

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](#)



AXIS P1357-E Network Camera

Camera		Notification: email, HTTP, HTTPS and TCP External output activation Video recording to edge storage, Play audio clip Pre- and post-alarm video buffering PTZ preset, Guard tour, Overlay text Day/Night switching, Status LED activation Send SNMP trap
Image sensor	1/3.2" progressive scan RGB CMOS	
Lens	IR corrected, CS-mount lens, P-Iris Varifocal 2.8-8 mm, F1.2 Horizontal field of view: 80°-32°	
Day and night	Automatically removable infrared-cut filter	
Minimum illumination	Color: 0.2 lux, F1.2 B/W: 0.04 lux, F1.2	
Shutter time	1/24000 s to 2 s	
Video		
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline and Main Profiles Motion JPEG	
Resolutions	2592x1944 (5 MP) to 160x90	
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)	
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264	
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)	
Image settings	Compression, color, brightness, sharpness, contrast, white balance, exposure control, exposure zones, backlight compensation, WDR - dynamic contrast, fine tuning of behavior at low light, rotation: 0°, 90°, 180°, 270°, text and image overlay, privacy mask, mirroring of images	
Audio		
Audio streaming	Two-way, full duplex	
Audio compression	AAC LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate	
Audio input/output	External microphone input or line input, line output	
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, specifications at www.axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF [®] Profile S and ONVIF [®] Profile G, specification at www.onvif.org	
Analytics	Included AXIS Video Motion Detection, active tampering alarm, audio detection Supported AXIS Digital Autotracking, AXIS Perimeter Defender, AXIS Cross Line Detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap	
Event triggers	Analytics, edge storage events, external input, audio level, time scheduled	
Event actions	File upload: FTP, SFTP, HTTP, HTTPS, network share and email	
Data streaming	Event data	
Built-in installation aids	Focus assistant, pixel counter, remote back focus	
General		
Casing	IP66-, NEMA 4X- and IK10-rated Aluminum enclosure Color: White NCS S 1002-B	
Sustainability	PVC free	
Memory	512 MB RAM, 128 MB Flash	
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max. 12.95 W or High PoE max 25.5 W	
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 3.5 mm mic/line in, 3.5 mm line out P-Iris connector (compatible with DC-iris)	
Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com	
Operating conditions	-30 °C to 50 °C (-22 °F to 122 °F) with PoE -40 °C (-40 °F) with High PoE Humidity 10-100% RH (condensing)	
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)	
Approvals	EMC 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 KN32 Class B, KN35 Safety IEC/EN/UL 60950-1, IEC/EN/UL 60950-22 Environment EN 50121-4/IEC 62236, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC 60068-2-6, IEC 60068-2-27, IEC/EN 62262 IK10	
Dimensions	404 x 161 x 142 mm (15 15/16 x 6 5/16 x 5 9/16 in)	
Weight	3.1 kg (6.8 lb)	
Included accessories	Installation Guide, Windows decoder 1-user license, wall mount bracket, sunshield, connector kit	
Optional accessories	Axis mounts, Axis lenses, Axis midspans For more accessories, see www.axis.com	
Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/support/downloads	
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese	
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty	

- 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).

Environmental responsibility:

www.axis.com/environmental-responsibility