

## 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

<b>Camera</b>		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
<b>Image sensor</b>	1/3.2" progressive scan RGB CMOS	
<b>Lens</b>	IR corrected, CS-mount lens, P-Iris Varifocal 2.8-8 mm, F1.2 Horizontal field of view: 80°-32°	
<b>Day and night</b>	Automatically removable infrared-cut filter	
<b>Minimum illumination</b>	Color: 0.2 lux, F1.2 B/W: 0.04 lux, F1.2	
<b>Shutter time</b>	1/24000 s to 2 s	
<b>Video</b>		
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline and Main Profiles Motion JPEG	
<b>Resolutions</b>	2592x1944 (5 MP) to 160x90	
<b>Frame rate</b>	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)	
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264	
<b>Multi-view streaming</b>	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)	
<b>Image settings</b>	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	
<b>Audio</b>		
<b>Audio streaming</b>	Two-way, full duplex	
<b>Audio compression</b>	AAC LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate	
<b>Audio input/output</b>	External microphone input or line input, line output	
<b>Network</b>		
<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™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	
<b>System integration</b>		
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX® 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 and ONVIF® Profile G, specification at <a href="http://www.onvif.org">www.onvif.org</a>	
<b>Analytics</b>	<b>Included</b> AXIS Video Motion Detection, active tampering alarm, audio detection <b>Supported</b> AXIS Digital Autotracking, AXIS Perimeter Defender, AXIS Cross Line Detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>	
<b>Event triggers</b>	Analytics, edge storage events, external input, audio level, time scheduled	
<b>Event actions</b>	File upload: FTP, SFTP, HTTP, HTTPS, network share and email	
<b>Data streaming</b>	Event data	
<b>Built-in installation aids</b>	Focus assistant, pixel counter, remote back focus	
<b>General</b>		
<b>Casing</b>	IP66-, NEMA 4X- and IK10-rated Aluminum enclosure Color: White NCS S 1002-B	
<b>Sustainability</b>	PVC free	
<b>Memory</b>	512 MB RAM, 128 MB Flash	
<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max. 12.95 W or High PoE max 25.5 W	
<b>Connectors</b>	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)	
<b>Storage</b>	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 <a href="http://www.axis.com">www.axis.com</a>	
<b>Operating conditions</b>	-30 °C to 50 °C (-22 °F to 122 °F) with PoE -40 °C (-40 °F) with High PoE Humidity 10-100% RH (condensing)	
<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F)	
<b>Approvals</b>	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	
<b>Dimensions</b>	404 x 161 x 142 mm (15 15/16 x 6 5/16 x 5 9/16 in)	
<b>Weight</b>	3.1 kg (6.8 lb)	
<b>Included accessories</b>	Installation Guide, Windows decoder 1-user license, wall mount bracket, sunshield, connector kit	
<b>Optional accessories</b>	Axis mounts, Axis lenses, Axis midspans For more accessories, see <a href="http://www.axis.com">www.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://www.axis.com/support/downloads">www.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://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)