AXIS P1357 Network Camera

Fixed camera with 5-megapixel or HDTV 1080p

AXIS P1357 delivers multiple H.264 and Motion JPEG video streams in 5-megapixel resolution or full frame rate HDTV 1080p resolution. Features such as wide dynamic range and day and night functionality provide superb image quality in daylight and dark conditions. P-Iris control guarantees precise control of the iris position for optimal depth of field and image sharpness. The camera supports Power over Ethernet (PoE). It offers digital pan/tilt/zoom, multi-view streaming and a serial port for communication with auxiliary equipment such as a pan/tilt head in order to remotely change the camera direction. The remote back focus function enables fine-tuning of the focus from a computer.

> **HDTV 1080p/5 MP**

> **P-Iris control**

> **Digital PTZ**

> **Multi-view streaming**

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Camera

Image sensor	Progressive scan RGB CMOS 1/3.2"
Lens	IR-corrected, CS-mount lens **P-Iris** Varifocal 2.8-8 mm: 92°-32° view[a], F1.2
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	Power line frequency 50/60 Hz: 1/24000 s to 2 s

Video

Video compression	H.264 (MPEG-4 Part 10/AVC), H.264 Baseline and Main Profile, 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/CBR 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, Fine tuning of behavior at low light, WDR - dynamic contrast, Text and image overlay, Privacy mask, Mirroring of images Rotation: 0°, 90°, 180°, 270° including Corridor Format

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 Built-in microphone (can be disabled)

Network

Security	Password protection, IP address filtering, HTTPS[b] encryption, IEEE 802.1X[b] network access control, Digest authentication, User access log
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*
Event triggers	Intelligent video, Edge storage events, External input, Audio level, Time scheduled
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
Data streaming	Event data
Built-in installation aids	Focus assistant, Pixel counter, Remote back focus

General

Casing	Color: White NCS S 1002-B Metal (zinc)
Memory	512 MB RAM, 128 MB Flash
Power	8-28 V DC or Power over Ethernet (PoE) IEEE 802.3af Max. 7.9 W, PoE Class 3
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)
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*
Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 10-85% RH (non-condensing)
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
Dimensions	151 x 77 x 46 mm (5 15/16 x 3 x 1 13/16 in)
Weight	600 g (1.3 lb)
Included accessories	Connector kit, Installation Guide, Windows decoder 1-user license Stand
Optional accessories	Axis mounts, Axis lenses, Axis midspans
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see *www.axis.com/warranty*

a. *Horizontal Angle of View*
b. *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 (eay@cryptsoft.com).*

More information is available at **www.axis.com**

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