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
AXIS P1357 Network Camera

Camera

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: 92°~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 160x80

Frame rate Capture mode 2 MP@1080p@25/30 fps (50/60 Hz)
Capture mode 3 MP@1280x720p (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

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° including Corridor Format, 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, built-in microphone (can be disabled)

Network

Security Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control, Digest authentication, User access log

Supported protocols IPv4/IPv6, HTTP, HTTPS, SSL/TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP*, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFIP, 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/acop

Event triggers Analytics, edge storage events, external input, audio level, time scheduled

Event actions File upload: FTP, SFIP, HTTP, HTTPS, network share and email

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

Data streaming Event data

Built-in installation aids Focus assistant, pixel counter, remote focus back

General

Casing Metal (zinc)
Color: White NCS S 1002-B

Sustainability PVC free

Memory 512 MB RAM, 128 MB Flash

Power 8–28 V DC or Power over Ethernet (PoE)
IEEE 802.3af/802.3at Type 1 Class 3, max 7.9 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 DC input, terminal block, 3.5 mm mic/jack 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

0 °C to 50 °C [32 °F to 122 °F]
Humidity 10-85% RH (non-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 KN22 Class B, KN24
Safety IEC/EN/UL 60950-1

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

Optional accessories

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 (eay@cryptsoft.com).

Environmental responsibility

www.axis.com/environmental-responsibility

©2014 – 2017 Axis Communications AB. AXIS COMMUNICATIONS, AXIS, and VAPIX are registered trademarks or trademark applications of Axis AB in various jurisdictions. All other company names and products are trademarks or registered trademarks of their respective companies. We reserve the right to introduce modifications without notice.