AXIS P1365–E Fixed Network Camera

Outdoor-ready 1080p HDTV surveillance in all light conditions

AXIS P1365-E delivers HDTV 1080p video in 50/60 frames per second with reduced noise and motion blur in demanding light conditions. Supporting WDR - Forensic Capture capability, video is highly optimized for forensic purposes and provides extreme levels of detail – even in scenes with very complex light conditions. Axis' Zipstream technology inherent in AXIS P1365 greatly reduces bandwidth and storage requirements. The remote back focus capability of AXIS P1365-E has proven to be very attractive for installers, optimizing installation efficiency and ensuring image sharpness. The IP66-, IP67- and NEMA 4X-, as well as IK10-rated AXIS P1365-E includes a wall mount bracket and a sunshield. Arctic temperature control ensures start-up and operation in temperatures ranging from -40 °C to 50°C (-40 °F to 122 °F).

- > Lightfinder and WDR - Forensic Capture
- > HDTV 1080p in 50/60 fps
- > Axis' Zipstream technology
- > Two-way audio
- > Arctic temperature control

www.use-ip.co.uk
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60563/EN/M1.3/032015

Camera

Image sensor	Progressive scan RGB CMOS 1/2.8"
Lens	Varifocal, 2.8–8 mm, F1.3, IR corrected, CS-mount, Megapixel resolution, P-Iris Horizontal angle of view: 90°–40° Vertical angle of view: 49.3°–22° Diagonal angle of view: 104.6°–6°
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.18 lux, B/W: 0.04 lux, F1.3 **HDTV 1080p 50/60 fps:** Color 0.36 lux, B/W: 0.08 lux, F1.3
Shutter time	1/28000 s to 2 s (power line frequency 50 Hz) 1/33500 s to 2 s (power line frequency 60 Hz)
Pan/Tilt/Zoom	Digital PTZ, Uploadable PTZ driver (Pelco D pre-installed)

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) H.264 Baseline, Main, and High Profile, Motion JPEG
Resolutions	**WUXGA 25/30 fps (no WDR):** 1920x1200 to 160x90 **HDTV 1080p 25/30 fps (WDR):** 1920x1080 to 160x90 **HDTV 1080p 50/60 fps (no WDR):** 1920x1080 to 160x90
Frame rate	Up to 50/60 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
Image settings	Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Exposure zones, Backlight compensation, WDR-Forensic Capture: Up to 120 dB depending on scene, 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	Unbalanced external microphone (mono) Microphone power 5 V via 2.2 kΩ Unbalanced line (mono) Line input impedance > 15 kΩ Maximum input level: 2.2 Vrms THD+N: < 0.05% Bandwidth: 20 Hz – 20 kHz, may be limited by sample rate Signal-to-Noise Ratio: > 90 dB @ 0 dB gain, > 70 dB @ 30 dB gain
Audio output	Unbalanced line (mono) Maximum output level: > 0.707 Vrms THD+N: < 0.05% @ 10 kΩ load Bandwidth: 20 Hz – 20 kHz, may be limited by sample rate Signal-to-Noise Ratio: > 90 dB Output Impedance: 22 Ω, short circuit proof

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, specification at www.onvif.org
Intelligent video	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, External input, Edge storage events
Event actions	File upload: FTP, SFTP, HTTP, network share and email Notification: email, HTTP and TCP External output activation Video recording to edge storage Pre- and post-alarm video buffering PTZ preset, Overlay text, Send SNMP trap
Data streaming	Event data
Built-in installation aids	Focus assistant, Pixel counter, Remote back focus

General

Casing	IP66-, IP67- and NEMA 4X-rated, IK10 impact-resistant polymer enclosure Color: White NCS S 1002-B
Memory	512 MB RAM, 256 MB Flash
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max. 12.95 W, typical 4.4 W
Connectors	RJ45 10BASE-T/100BASE-TX PoE Terminal block for two configurable inputs/outputs (12 V DC output, max. load 50 mA) 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)
Edge storage	SD card slot supporting microSD/microSDHC/microSDXC cards (card not included).
Operating conditions	–40 °C to 50 °C (–40 °F to 122 °F) Humidity 10–100% RH (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, EN 50121-4/IEC 62236, IEC/EN 60529 IP66/IP67, NEMA 250 Type 4X, IEC 60068-2-6, IEC 60068-2-27, IEC/EN 62262 IK10
Dimensions	382 x 155 x 120 mm (15 x 6.1 x 4.7 in)
Weight	1.8 kg (4.0 lb)
Included accessories	Connector kit, Installation Guide, Windows decoder 1-user license, Installation and Management Software CD, Wall mount bracket, Sunshield
Optional accessories	AXIS T94R01P Conduit Back Box AXIS T91A47 Pole Mount AXIS Corridor Format Bracket A AXIS Door Switch A AXIS T98A16-VE Surveillance Cabinet
Video management software	AXIS Camera Companion (included), AXIS Camera Station and video management software from Axis' Application Development Partners (not included). For more information, see *www.axis.com/products/video/software*
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. (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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