

AXIS P1368-E Network Camera

Outdoor-ready 4K surveillance with i-CS lens

The 4K Ultra HD resolution at 25/30 fps ensures excellent video quality. The innovative outdoor-ready camera P1368-E is built for all weather conditions, with a quick and easy installation in mind. Built-in camera rails enable easier changing of lenses and with a simple roll of the sensor, the format shifts to Axis Corridor Format. Equipped with i-CS lens, the camera enables remote zoom and focus. It also supports standard CS-mount lenses. In complex lighting Forensic WDR together with Lightfinder will discover all details. Axis Zipstream technology saves bandwidth and storage while maintaining video quality.

- > **Temperature range: -40 °C to 55 °C (-40 °F to 131 °F)**
- > **IK10-, IP66- and NEMA 4X-ratings**
- > **Equipped with i-CS lens**
- > **Lightfinder and Forensic WDR**
- > **Zipstream**



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Camera		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 MQTT publish Send SNMP trap
Image sensor	1/2.5" progressive scan RGB CMOS	
Lens	IR corrected, i-CS lens Varifocal 2.8–8.5 mm, F1.2 With IK10 protection in the front window Horizontal field of view: 72°–45° Vertical field of view: 40°–25° Without IK10 protection in the front window Horizontal field of view: 83°–45° Vertical field of view: 45°–25°	
Day and night	Automatically removable infrared-cut filter	
Minimum illumination	Color: 0.16 lux B/W: 0.03 lux, at 50 IRE F1.3	
Shutter speed	1/55000 s to 2 s	
System on chip (SoC)		
Model	ARTPEC-6	
Memory	1 GB RAM, 512 MB Flash	
Video		
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG Controllable frame rate and bandwidth	
Resolution	3840x2160 (8 MP) to 160x90	
Frame rate	25/30 fps (50/60 Hz) in all resolutions	
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264	
Multi-view streaming	Up to 8 individually cropped out view areas	
Image settings	Saturation, contrast, brightness, sharpness, Forensic WDR: Up to 120 dB depending on scene, white balance, day/night threshold, exposure mode, exposure zones, compression, orientation: 0°, 90°, 180°, 270° including Corridor Format, mirroring of images, dynamic text and image overlay, privacy masks	
Pan/Tilt/Zoom	Digital PTZ Uploadable PTZ driver (Pelco D pre-installed)	
Audio		
Audio streaming	Two-way, full duplex	
Audio encoding	AAC LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz, LPCM 8/16/32/48 kHz Configurable bit rate	
Audio input/output	External microphone input or line input, line output Automatic gain control	
Network		
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X (EAP-TLS) ^a network access control, digest authentication, user access log, brute force delay protection, signed firmware	
Network protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS ^a , HTTP/2, TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP [™] , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, RTSP, RTP, SFTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)	
System integration		
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform, specifications at axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF [®] Profile G, ONVIF [®] Profile M, ONVIF [®] Profile S and ONVIF [®] Profile T, specification at onvif.org	
Event triggers	Analytics, open casing, edge storage events, external input, audio level, time scheduled MQTT subscribe	
Event actions	File upload: FTP, SFTP, HTTP, HTTPS, network share and email Notification: email, HTTP, HTTPS and TCP External output activation	
Data streaming	Event data	
Built-in installation aids	Pixel counter Remote focus and zoom with supplied i-CS lens, remote back focus and focus assistant with other lenses.	
Analytics		
Applications	Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm, audio detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap	
General		
Casing	IP66-, IP67- and NEMA 4X-rated, IK10 impact-resistant polymer enclosure Color: White NCS S 1002-B	
Sustainability	PVC free	
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max 9.5 W, typical 6.4 W	
Connectors	RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin 2.5 mm terminal block for two configurable inputs/outputs (12 V DC output, max. load 50mA) RS485/RS422, 2 pcs, 2 pos, full duplex, terminal block 3.5 mm mic/line in, 3.5 mm line out i-CS connector (compatible with P-Iris and DC-iris)	
Storage	Support for microSD/microSDHC/microSDXC card Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com	
Operating conditions	-40 °C to 55 °C (-40 °F to 131 °F) Maximum temperature (intermittent): 60 °C (140 °F) Humidity 10–100% RH (condensing)	
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)	
Approvals	EMC EN 55032 Class A, EN 50121-4, IEC 62236-4, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KCC KN32 Class A, KN35 Safety IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IS 13252 Environment IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 62262 IK10, IEC/EN 60529 IP67 Network NIST SP500-267	
Dimensions	382 x 155 x 120 mm (15 x 6.1 x 4.7 in)	
Weight	2.2 kg (4.9 lb)	
Included accessories	Installation guide, Windows [®] decoder 1-user license, wall mount bracket, sunshield, connector kit IK10 tool	
Optional accessories	Axis mounts, Axis lenses, Axis midspans For more accessories, see axis.com	
Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available at axis.com/vms	
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 axis.com/warranty	

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (openssl.org/), and cryptographic software written by Eric Young (ey@cryptsoft.com).

Environmental responsibility:

axis.com/environmental-responsibility