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**

AXIS P1368-E Network Camera

Camera

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 time	1/55500 s to 2 s

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 compression	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

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
Supported protocols	IPv4, IPv6 USGv6, 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, SRTP, 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 *axis.com* AXIS Guardian with One-Click Connection ONVIF® Profile G, ONVIF® Profile S and ONVIF® Profile T, specification at *onvif.org*
Analytics	**Included** 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*
Event triggers	Analytics, open casing, edge storage events, external input, audio level, time scheduled
Event actions	File upload: FTP, SFTP, 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	Pixel counter Remote focus and zoom with supplied i-CS lens, remote back focus and focus assistant with other lenses

General

Casing	IP66-, IP67- and NEMA 4X-rated, IK10 impact-resistant polymer enclosure Color: White NCS S 1002-B
Sustainability	PVC free
Memory	1 GB RAM, 512 MB Flash
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 (eay@cryptsoft.com).*

Environmental responsibility:

axis.com/environmental-responsibility

AXIS®
COMMUNICATIONS