

# 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

<b>Camera</b>		PTZ preset, Guard tour, Overlay text Day/Night switching, Status LED activation Send SNMP trap
<b>Image sensor</b>	1/2.5" progressive scan RGB CMOS	
<b>Lens</b>	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°	
<b>Day and night</b>	Automatically removable infrared-cut filter	
<b>Minimum illumination</b>	Color: 0.16 lux B/W: 0.03 lux, at 50 IRE F1.3	
<b>Shutter speed</b>	1/55500 s to 2 s	
<b>System on chip (SoC)</b>		
<b>Model</b>	ARTPEC-6	
<b>Memory</b>	1 GB RAM, 512 MB Flash	
<b>Video</b>		
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG Controllable frame rate and bandwidth	
<b>Resolution</b>	3840x2160 (8 MP) to 160x90	
<b>Frame rate</b>	25/30 fps (50/60 Hz) in all resolutions	
<b>Video streaming</b>	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	
<b>Multi-view streaming</b>	Up to 8 individually cropped out view areas	
<b>Image settings</b>	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	
<b>Pan/Tilt/Zoom</b>	Digital PTZ Uploadable PTZ driver (Pelco D pre-installed)	
<b>Audio</b>		
<b>Audio streaming</b>	Two-way, full duplex	
<b>Audio encoding</b>	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	
<b>Audio input/output</b>	External microphone input or line input, line output Automatic gain control	
<b>Network</b>		
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X (EAP-TLS) <sup>a</sup> network access control, digest authentication, user access log, brute force delay protection, signed firmware	
<b>Supported protocols</b>	IPv4, IPv6 USGv6, HTTP, HTTPS <sup>a</sup> , HTTP/2, SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>™</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, LLDP, MQTT v3.1.1, Syslog	
<b>System integration</b>		
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform, specifications at <a href="https://axis.com">axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF <sup>®</sup> Profile G, ONVIF <sup>®</sup> Profile S and ONVIF <sup>®</sup> Profile T, specification at <a href="https://onvif.org">onvif.org</a>	
<b>Event triggers</b>	Analytics, open casing, edge storage events, external input, audio level, time scheduled	
<b>Event actions</b>	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	
<b>Data streaming</b>	Event data	
<b>Built-in installation aids</b>	Pixel counter Remote focus and zoom with supplied i-CS lens, remote back focus and focus assistant with other lenses.	
<b>Analytics</b>		
<b>Applications</b>	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 <a href="https://axis.com/acap">axis.com/acap</a>	
<b>General</b>		
<b>Casing</b>	IP66-, IP67- and NEMA 4X-rated, IK10 impact-resistant polymer enclosure Color: White NCS S 1002-B	
<b>Sustainability</b>	PVC free	
<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max 9.5 W, typical 6.4 W	
<b>Connectors</b>	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)	
<b>Storage</b>	Support for microSD/microSDHC/microSDXC card Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see <a href="https://axis.com">axis.com</a>	
<b>Operating conditions</b>	-40 °C to 55 °C (-40 °F to 131 °F) Maximum temperature (intermittent): 60 °C (140 °F) Humidity 10–100% RH (condensing)	
<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)	
<b>Approvals</b>	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	
<b>Dimensions</b>	382 x 155 x 120 mm (15 x 6.1 x 4.7 in)	
<b>Weight</b>	2.2 kg (4.9 lb)	
<b>Included accessories</b>	Installation guide, Windows <sup>®</sup> decoder 1-user license, wall mount bracket, sunshield, connector kit IK10 tool	
<b>Optional accessories</b>	Axis mounts, Axis lenses, Axis midspans For more accessories, see <a href="https://axis.com">axis.com</a>	
<b>Video management software</b>	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available at <a href="https://axis.com/vms">axis.com/vms</a>	
<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese	
<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option, see <a href="https://axis.com/warranty">axis.com/warranty</a>	

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

Environmental responsibility:

[axis.com/environmental-responsibility](https://axis.com/environmental-responsibility)