

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 speed | 1/55500 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 |
| Supported protocols | IPv4, IPv6, USGv6, ICMPv4/ICMPv6, HTTP, HTTPS ^a , HTTP/2, SSL/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, SOCKS, 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 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 |

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

| 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