AXIS P1375-E Network Camera
Stable, 2 MP surveillance for the great outdoors

With a robust design, AXIS P1375-E Network Camera offers excellent video for outdoor scenes. It handles temperatures between -40 °C to 60 °C (-40 °F to 140 °F) and delivers details even in challenging light conditions or low-light, with Forensic WDR and Lightfinder 2.0. For pitch darkness, an optional IR kit is available. Enhanced security features such as signed firmware and secure boot ensure the integrity and authenticity of the camera's firmware. Furthermore, tampering alarm and video streaming indicator ensure full control of the video. With CS mount and built-in camera rails, a bigger variety of lenses can be used.

> HDTV 1080p at up to 60 fps
> Electronic image stabilization and IK10
> Signed firmware and secure boot
> Zipstream with H.264 and H.265
> PoE and DC power
### AXIS P1375-E Network Camera

<table>
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<tr>
<th>Camera</th>
<th><strong>ONVIF® Profile G, ONVIF® Profile S and ONVIF® Profile T, specification at onvif.org</strong></th>
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<td><strong>Image sensor</strong></td>
<td>1/2.8” progressive scan RGB CMOS</td>
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| **Lens** | Lens CS 2.8-8 mm F1.2 P-Iris 5 MP  
  With IK10 protection in the front window  
  Horizontal field of view: 107°–42°  
  Vertical field of view: 57°–24°  
  Without IK10 protection in the front window  
  Horizontal field of view: 124°–42°  
  Vertical field of view: 65°–24° |
| **Day and night** | Automatically removable infrared-cut filter |
| **Minimum illumination** | HDI 1080p 25/30 fps with Forensic WDR and Lightfinder:  
  Color: 0.05 lux, at 50 IRE F1.2  
  B/W: 0.01 lux, at 50 IRE F1.2  
  HDI 1080p 50/60 fps with Lightfinder:  
  Color: 0.10 lux, at 50 IRE F1.2  
  B/W: 0.02 lux, at 50 IRE F1.2  
  0 lux with accessory IR illumination on (optional AXIS Fixed Box IR Illuminator Kit A) |
| **Shutter time** | WDR: 1/34500 s to 2 s  
  No WDR: 1/66500 s to 2 s |
| **Video** | **Video compression**  
  H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles  
  H.265 (MPEG-H Part 2/HEVC) Motion JPEG  
  Controllable frame rate and bandwidth |
| **Resolution** | 1920x1080 (HDI) to 160x90 |
| **Frame rate** | Forensic WDR: 25/30 fps (50/60 Hz)  
  No WDR: 50/60 fps (50/60 Hz) |
| **Video streaming** | Multiple, individually configurable streams in H.264, H.265, and Motion JPEG  
  Axis Zipstream technology in H.264 and H.265  
  Controllable frame rate and bandwidth  
  VBR/ABR/MBR H.264/H.265  
  Video streaming indicator |
| **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, daylight/threshold, exposure mode, exposure zones, local contrast, tone mapping, compression, orientation: auto, 0°, 90°, 180°, 270° including Corridor Format, mirroring of images, dynamic text and image overlay, privacy masks, defogging, electronic image stabilization, barrel distortion correction, scene profiles: forensic, vivid, traffic overview |
| **Pan/Tilt/Zoom** | Digital PTZ  
  Upgradable PTZ (Pelco D pre-installed) |
| **Audio** | 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, line input, digital input with ring power, line output, automatic gain control |
| **Network** | Password protection, IP address filtering, HTTPS® encryption,  
  IEEE 802.1X (EAP-TLS®) network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware, secure boot |
| **Supported protocols** | IPv4, IPv6, USGv6, HTTP, HTTPS®, SSL/TLS®, QoS Layer 3 DiffServ,  
  FTP, CIFS/SMB, SMTP, Bonjour, UPnP®,  
  SNTP v1/v2/v3 (MIB-II), DNS, DynDNS, NTP, RTP, RTSP, RSVP, FTP, SCP, TFTP, UDP, IGMP, IGMP, ICMP, DHCP, ARP, SOCKS, SSH, LLD, MQTT |
| **System integration** | 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 |
| **Onscreen controls** | Electronic image stabilization  
  Day/night shift  
  Defogging  
  Wide dynamic range |
| **Event triggers** | Analytics, shock detection, open casing, edge storage events, supervised external input, audio level, time scheduled |
| **Event actions** | Upload: FTP, STFP, 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** | Focus assistant, pixel counter, remote back focus, autorotation, remote focus and zoom and with optional i-CS lens. |
| **Analytics** | Machine learning processing unit (MLPU) |
| **Applications** | Included  
  AXIS Video Motion Detection, active tampering alarm, audio detection  
  Supported  
  AXIS Live Privacy Shield, AXIS Perimeter Defender,  
  AXIS Guard Suite including AXIS Motion Guard,  
  AXIS Fence Guard, and AXIS Loitering Guard  
  Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/ocap |
| **General** | **Casing**  
  IP66-, IP67- and NEMA 4X-rated, IK10 impact-resistant polymer enclosure with aluminum base and intrusion alarm switch  
  Weathershield with black anti-glare coating  
  Color: White NCS S 1002-B |
| **Sustainability** | PVC free |
| **Memory** | 1 GB RAM, 512 MB Flash |
| **Power** | 12–28 V DC, max 8.7 W, typical 5.3 W  
  Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max 10.3 W, typical 5.9 W  
  With AXIS Fixed Box IR Illuminator Kit A: 12–28 V DC, max 19.7 W, typical 5.3 W  
  Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 4, max 20.3 W, typical 5.9 W  
  Power redundancy |
| **Connectors** | RJ45 10BASE-T/100BASE-TX/1000BASE-T  
  (D): 6-pin 2.5 mm terminal block, for 2 supervised alarm inputs and 2 outputs  
  RS485/RS422, 2 pcs, 2 pos, full duplex, terminal block  
  3.5 mm mic/in line, 3.5 mm line out  
  i-CS connector (compatible with P-Iris and DC-iris)  
  IR illuminator connector |
| **Storage** | Support for microSD/microSDHC/microSDXC card  
  Support for SD card encryption  
  Support for recording to network-attached storage (NAS)  
  For SD card and NAS recommendations see axis.com |
| **Operating conditions** | −40 °C to 65 °C [−40 °F to 149 °F]  
  Absolute maximum temperature: 74 °C (165 °F) according to NEMA TS2 2016, 2.2.7  
  Humidity 10%–90% 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 55012-1-4, IEC 62226-4, 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 12352 Environment |
IEC/EN 60529 IP66/IP67, NEMA 250 Type 4X, NEMA TS2 2016 (Subsection 2.2.7–2.2.9), IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60668-2-78, IEC/EN 62262 IK10, IEC/EN 60529 IP67

Network
NIST SP500–267

Dimensions
404 x 159 x 143 mm (15 15/16 x 6 1/4 x 5 5/8 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
Torx® T20 screw driver, Torx® T30 screw bit
AXIS P13 Weathershield Kit A

Optional lenses
Lens CS 2.8–10 mm F1.2 P-Iris 2 MP
Lens Computar i-CS 2.8–8.5 mm
Tamron 5 MP Lens P-Iris 8–50 mm F1.6
Lens i-CS 9–50 mm F1.5 8 MP

Optional accessories
Axis mounts, Axis lenses, Axis midspans, Axis microphones
AXIS Fixed Box IR Illuminator Kit A (range of reach 50 m (164 ft) or more depending on the scene)

AXIS P13 Weathershield Extension A
AXIS T8355 Digital Microphone
AXIS T99A10 Positioning Unit 24 V AC/DC

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

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