

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**



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Camera		System integration	
Image sensor	1/2.8" progressive scan RGB CMOS	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 One-click cloud connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S and ONVIF® Profile T, specification at onvif.org
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°	Onscreen controls	Electronic image stabilization Day/night shift Defogging Wide dynamic range
Day and night	Automatically removable infrared-cut filter	Event triggers	Analytics, shock detection, open casing, edge storage events, supervised external input, audio level, time scheduled MQTT subscribe
Minimum illumination	HDTV 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 HDTV 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)	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
Shutter speed	WDR: 1/34500 s to 2 s No WDR: 1/66500 s to 2 s	Built-in installation aids	Focus assistant, pixel counter, remote back focus, autorotation, remote focus and zoom and with optional i-CS lens.
System on chip (SoC)		Analytics	
Model	ARTPEC-7	AXIS Object Analytics	Object classes: humans, vehicles Scenarios: line crossing, object in area, crossline counting, time in area Up to 10 scenarios Metadata visualized with trajectories, color-coded bounding boxes and tables Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event
Memory	1 GB RAM, 512 MB Flash	Metadata	Object data: Classes: humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates Confidence, position Event data: Producer reference, scenarios, trigger conditions
Compute capabilities	Machine learning processing unit (MLPU)	Applications	Included AXIS Object Analytics, AXIS Video Motion Detection, AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard, active tampering alarm, audio detection Supported AXIS Live Privacy Shield, AXIS Perimeter Defender Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Video		Cybersecurity	
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	Edge security	Software: Signed firmware, brute force delay protection, digest authentication and OAuth 2.0 RFC6749 OpenID Authorization Code Flow for centralized ADFS account management, password protection, AES-XTS-Plain64 256bit SD card encryption Hardware: Secure boot
Resolution	1920x1080 (HDTV) to 160x90	Network security	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, IP address filtering
Frame rate	Forensic WDR: 25/30 fps (50/60 Hz) No WDR: 50/60 fps (50/60 Hz)	Documentation	<i>AXIS OS Hardening Guide</i> <i>Axis Vulnerability Management Policy</i> <i>Axis Security Development Model</i> AXIS OS Software Bill of Material (SBOM) To download documents, go to axis.com/support/cybersecurity/resources To read more about Axis cybersecurity support, go to axis.com/cybersecurity
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 Low latency mode Video streaming indicator	General	
Multi-view streaming	Up to 8 individually cropped out view areas	Casing	IP66-, IP67- and NEMA 4X-rated, IK10 impact-resistant polymer enclosure with aluminium base and intrusion alarm switch Weathershield with black anti-glare coating Color: White NCS S 1002-B
Image settings	Saturation, contrast, brightness, sharpness, Forensic WDR: Up to 120 dB depending on scene, white balance, day/night 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	Sustainability	PVC free
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, line input, digital input with ring power, line output, automatic gain control		
Network			
Network protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS, HTTP/2, TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SFTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)		

Power	12–28 V DC, max 25.5 W (incl. AXIS Fixed Box IR Illuminator Kit A and front heater), typical 5.3 W Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 4, max 25.5 W (incl. AXIS Fixed Box IR Illuminator Kit A and front heater), typical 5.9 W Power redundancy	IEC/EN 60529 IP66/IP67, NEMA 250 Type 4X, NEMA TS 2 (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 60068-2-78, IEC/EN 62262 IK10 Network NIST SP500–267
Connectors	RJ45 10BASE-T/100BASE-TX/1000BASE-T I/O: 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/line in, 3.5 mm line out i-CS connector (compatible with P-Iris and DC-iris) IR illuminator connector	Dimensions 404 x 159 x 143 mm (15.9 x 6.26 x 5.63 in) Weight 2.2 kg (4.9 lb)
Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption (AES-XTS-Plain64 256bit) Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com	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
Operating conditions	–40 °C to 60 °C (–40 °F to 140 °F) Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F) Humidity 10–100% RH (condensing) Wind load (sustained): 55 m/s (123 mph)	Optional lenses Theia Varifocal Ultra Wide Lens 1.8–3.0 mm Lens Computar i-CS 2.8–8.5 mm Lens CS 4–10 mm F0.9 P-Iris Lens i-CS 9–50 mm F1.5 8 MP Tamron 5MP Lens P-Iris 8–50 mm F1.6
Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F) Humidity 5–95% RH (non-condensing)	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
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, CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 60950-22, CAN/CSA-C22.2 No. 60950-22, IS 13252 Environment	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, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese Warranty 5-year warranty, see axis.com/warranty