

AXIS P1375 Network Camera

Stable, 2 MP surveillance under any circumstances

AXIS P1375 Network Camera offers excellent video even in vibrating conditions and features scene profiles for automatically adjusted settings to suit specific scenes. Enhanced security features such as signed firmware and secure boot ensure the integrity and authenticity of the camera's firmware. Furthermore, features such as tampering alarm and video streaming indicator ensure full control of the video. With Lightfinder and Forensic WDR, the camera provides details even in challenging light conditions and thanks to Zipstream, storage and bandwidth are significantly reduced. The camera's CS mount enables flexibility to change to bigger or more intelligent lenses, such as i-CS lenses.

- > **HDTV 1080p at up to 60 fps**
- > **Electronic image stabilization**
- > **Signed firmware and secure boot**
- > **Lightfinder 2.0 and Forensic WDR**
- > **Zipstream with H.264 and H.265**



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Camera		
Image sensor	1/2.8" progressive scan RGB CMOS	
Lens	Lens CS 2.8–8 mm F1.2 P-Iris 5 MP Horizontal field of view: 124°–42° Vertical field of view: 65°–24°	
Day and night	Automatically removable infrared-cut filter	
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	
Shutter speed	WDR: 1/34500 s to 2 s No WDR: 1/66500 s to 2 s	
System on chip (SoC)		
Model	ARTPEC-7	
Memory	1 GB RAM, 512 MB Flash	
Compute capabilities	Machine learning processing unit (MLPU)	
Video		
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Motion JPEG	
Resolution	1920x1080 (HDTV) to 160x90	
Frame rate	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 Low latency mode 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, 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	
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 48 kHz Configurable bit rate	
Audio input/output	External microphone input, line input, digital input with ring power, line output, built-in microphone (can be disabled), automatic gain control	
Network		
Security	IP address filtering, HTTPS ^a encryption, IEEE 802.1X (EAP-TLS) ^a network access control, user access log, centralized certificate management	
Network protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS ^a , HTTP/2, TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SRTP/RTSPS, SFTP, 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)	
System integration		
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform, specifications at axis.com One-Click Cloud Connection	
		ONVIF [®] Profile G, ONVIF [®] Profile M, 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, edge storage events, supervised external input, audio level, time scheduled Hardware: network, ring power overcurrent protection MQTT subscribe	
Event actions	MQTT publish Record video: SD card and network share Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email Pre- and post-alarm video or image buffering for recording or upload Notification: email, HTTP, HTTPS, TCP and SNMP trap PTZ: PTZ preset, start/stop guard tour Overlay text, external output activation, play audio clip, WDR mode, day/night mode	
Built-in installation aids	Focus assistant, pixel counter, remote back focus, autorotation, remote focus and zoom and with optional i-CS lens.	
Analytics		
AXIS Object Analytics	Object classes: humans, vehicles Features: line crossing, object in area, crossline counting ^{BETA} , time in area ^{BETA} Up to 10 scenarios Metadata visualized with trajectories, color-coded bounding boxes and tables Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event	
Metadata	Object data: Classes: humans, faces, vehicles, license plates Confidence, position Event data: Producer reference, scenarios, trigger conditions	
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 Support for additional applications if the device is used with compatible accessories. For more information, contact your Axis partner. Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap	
Cybersecurity		
Edge security	Software: Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption Hardware: Secure boot	
Network security	IEEE 802.1X (EAP-TLS) ^a , HTTPS/HSTS ^a , TLS v1.2/v1.3 ^a , Network Time Security (NTS), X.509 Certificate PKI, IP address filtering	
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	
General		
Casing	Metal (zinc) Color lid: White NCS S 1002-B Color chassis: Black NCS S 9002-N	
Mounting	¼"-20 tripod screw thread Camera stand included	
Sustainability	PVC free	
Power	12–28 V DC, max 9.6 W, typical 4.9 W	

	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max 9.6 W, typical 5.1 W	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 DC input, terminal block, 3.5 mm mic/line in, 3.5 mm line out i-CS connector (compatible with P-Iris and DC-iris) Security lock slot AXIS T92G20 connector	Dimensions 214 x 80 x 57 mm (8 7/16 x 3 1/8 x 2 1/4 in)
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	Weight 750 g (1.7 lb)
Operating conditions	-10 °C to 55 °C (14 °F to 131 °F) Humidity 10-85% RH (non-condensing)	Included accessories Connector kit, Installation Guide, Windows® decoder 1-user license, stand, Resistor® L-key TR20, Torx® L-key T6
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5-95% RH (non-condensing)	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
Approvals	EMC EN 55032 Class A, 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, IS 13252 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78	Optional accessories Axis mounts, Axis lenses, Axis midspans, Axis microphones AXIS TQ1809-LE Housing T92G AXIS T8355 Digital Microphone 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, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese, Polish
		Warranty 5-year warranty, see axis.com/warranty

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>), and cryptographic software written by Eric Young (eyay@cryptsoft.com).