

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		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
Image sensor	1/2.8" progressive scan RGB CMOS	Onscreen controls	Electronic image stabilization Day/night shift Defogging Wide dynamic range
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°	Event triggers	Analytics, shock detection, edge storage events, supervised external input, audio level, time scheduled Hardware: network, ring power overcurrent protection MQTT subscribe
Day and night	Automatically removable infrared-cut filter	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
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	Data streaming	Event data
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
System on chip (SoC)		Analytics	
Model	ARTPEC-7	AXIS Object Analytics	Object classes: humans, vehicles Trigger conditions: line crossing, object in area Up to 10 scenarios Metadata visualized with color-coded bounding boxes Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event
Memory	1 GB RAM, 512 MB Flash	Applications	Included AXIS Object Analytics AXIS Video Motion Detection, 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
Compute capabilities	Machine learning processing unit (MLPU)	General	
Video		Casing	Metal (zinc) Color lid: White NCS S 1002-B Color chassis: Black NCS S 9002-N
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Motion JPEG	Mounting	1/4"-20 tripod screw thread Camera stand included
Resolution	1920x1080 (HDTV) to 160x90	Sustainability	PVC free
Frame rate	WDR: 25/30 fps (50/60 Hz) No WDR: 50/60 fps (50/60 Hz)	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
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	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
Multi-view streaming	Up to 8 individually cropped out view areas	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
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	Operating conditions	-10 °C to 55 °C (14 °F to 131 °F) Humidity 10–85% RH (non-condensing)
Pan/Tilt/Zoom	Digital PTZ Uploadable PTZ driver (Pelco D pre-installed)	System integration	
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	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X (EAP-TLS) ^a network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware, secure boot		
Supported 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, RTSP, RTP, SRTP, SFTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, LLDP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)		

Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5-95% RH (non-condensing)	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
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 60950-1, 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 Network NIST SP500-267	Optional accessories Axis mounts, Axis lenses, Axis midspans, Axis microphones AXIS T92G20 Outdoor Housing AXIS T8355 Digital Microphone For more accessories, see axis.com
Dimensions	214 x 80 x 57 mm (8 7/16 x 3 1/8 x 2 1/4 in)	Video management software AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at axis.com/vms
Weight	750 g (1.7 lb)	Languages English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese, Polish
Included accessories	Connector kit, Installation Guide, Windows® decoder 1-user license, stand, Resistorx® L-key TR20, Torx® L-key T6	Warranty 5-year warranty, see axis.com/warranty
Optional lenses	Lens CS 2.8-10 mm F1.2 P-Iris 2 MP Theia Varifocal Ultra Wide Lens 1.8-3.0 mm	a. <i>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 (ey@cryptsoft.com).</i>

Environmental responsibility:

axis.com/environmental-responsibility