

AXIS Q6075 PTZ Network Camera

Indoor PTZ with HDTV 1080p and 40x optical zoom

AXIS Q6075 PTZ Network Camera offers HDTV 1080p and 40x optical zoom for great overviews and excellent details. This high-performance indoor PTZ camera comes with autotracking 2 with click and track functionality, as well as an orientation aid for active object tracking and quick orientation. With Axis Lightfinder 2.0 the camera delivers low-light images with more saturated colors and sharper images of moving objects. Plus, enhanced security features such as signed firmware and secure boot ensures the integrity and authenticity of the firmware. Furthermore, Axis Zipstream with H.264/ H.265 significantly lowers bandwidth and storage requirements.

- > [HDTV 1080p with 40x optical zoom](#)
- > [Axis Lightfinder 2.0](#)
- > [Autotracking 2 and orientation aid](#)
- > [Built-in analytics](#)
- > [TPM, FIPS 140-2 level 2 certified](#)



AXIS Q6075 PTZ Network Camera

Models	AXIS Q6075 50 Hz AXIS Q6075 60 Hz	ONVIF® Pro le G, ONVIF® Pro le S and ONVIF® Pro le T, speci cation at onvif.org
Camera		
Image sensor	1/2.8" progressive scan CMOS	Event conditions
Lens	4.25–170 mm, F1.6–4.95 Horizontal eld of view: 65.1°–2.00° (1080p) Vertical eld of view: 39.1°–1.18° (1080p) Autofocus, auto-iris	Audio: audio detection Device status: above operating temperature, above or below operating temperature, below operating temperature, fan failure, IP address removed, network lost, new IP address, shock detected, storage failure, system ready, within operating temperature Edge storage: recording ongoing, storage disruption I/O: digital input, manual trigger, virtual input MQTT subscribe PTZ: PTZ malfunctioning, PTZ movement, PTZ preset position reached, PTZ ready Scheduled and recurring: scheduled event Video: live stream open
Day and night	Automatically removable infrared-cut lter	Event actions
Minimum illumination	Color: 0.1 lux at 30 IRE, F1.6 B/W: 0.002 lux at 30 IRE, F1.6 Color: 0.15 lux at 50 IRE, F1.6 B/W: 0.003 lux at 50 IRE, F1.6	Day/night mode, overlay text, video recording to edge storage, pre- and post-alarm video buffering, send SNMP trap PTZ: PTZ preset, start/stop guard tour File upload via FTP, SFTP, HTTP, HTTPS network share and email Noti cation via email, HTTP, HTTPS and TCP External output activation, audio recording to edge storage, play audio clip MQTT publish
Shutter speed	1/11000 s to 1/3 s with 50 Hz 1/11000 s to 1/3 s with 60 Hz	Built-in installation aids
Pan/Tilt/Zoom	Pan: 360° endless, 0.05°–450°/s Tilt: 180°, 0.05°–450°/s Zoom: 40x optical, 12x digital, total 480x zoom E- ip, 256 preset positions, tour recording (max 10, max duration 16 minutes each), guard tour (max 100), control queue, on-screen directional indicator, orientation aid PTZ, set new pan 0°, adjustable zoom speed, focus recall	Pixel counter, leveling guide
System on chip (SoC)		
Model	ARTPEC-7	Analytics
Memory	1024 MB RAM, 512 MB Flash	AXIS Object Analytics
Compute capabilities	Machine learning processing unit (MLPU)	Object classes: humans, vehicles Trigger conditions: line crossing, object in area, time in area ^{BETA} Up to 10 scenarios Metadata visualized with trajectories and color-coded bounding boxes Polygon include/exclude areas Perspective con uration ONVIF Motion Alarm event
Video		
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Pro les H.265 (MPEG-H Part 2/HEVC) Main Pro le Motion JPEG	Metadata
Resolution	HDTV 1080p 1920x1080 to 320x180	Object data: Classes: humans, faces, vehicles, license plates Con dence, position Event data: Producer reference, scenarios, trigger conditions
Frame rate	Up to 50/60 fps (50/60 Hz) in HDTV 1080p	Applications
Video streaming	Multiple, individually con gurable 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	Included AXIS Object Analytics, AXIS Video Motion Detection, AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard, autotracking 2, active gatekeeper, audio detection Basic analytics (not to be compared with third-party analytics): object removed, enter/exit detector, object counter Supported Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Image settings	Manual shutter time, compression, color, brightness, sharpness, white balance, exposure control, exposure zones, ne tuning of behavior at low light, rotation: 0°, 180°, text and image overlay, polygon privacy masks, electronic image stabilization (EIS), freeze on PTZ, automatic defog, backlight compensation, scene pro les Wide Dynamic Range (WDR): Up to 120 dB depending on scene, highlight compensation	Cybersecurity
Audio		
Audio streaming	Two-way, full duplex, half-duplex, simplex	Edge security
Audio encoding	24bit LPCM, AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Con gurable bit rate	Software: Signed rmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption Hardware: Secure boot, Axis Edge Vault with secure keystore (CC EAL4+, FIPS 140-2 level 2 certi ed hardware protection of cryptographic operations and keys)
Audio input/output	Requires multicable (sold separately) for external microphone or line input, and line output, automatic gain control	Network security
Network		
Security	IP address ltering, HTTPS ^a encryption, IEEE 802.1x (EAP-TLS) ^a network access control, user access log, centralized certi cate management, secure keystore (CC EAL4 certi ed), TPM (FIPS 140-2 certi ed)	IEEE 802.1X (EAP-TLS) ^a , HTTPS/HSTS ^a , TLS v1.2/v1.3 ^a , Network Time Security (NTS), X.509 Certi cate PKI, IP address ltering
Network protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS ^a , TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP [®] , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, NTCIP, LLDP, CDP, MQTT, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)	Documentation
System integration		
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; speci cations at axis.com One-Click Cloud Connection	<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	IP52-rated Metal casing (aluminum), Acrylic (PMMA) clear dome	Sustainability
Sustainability	PVC free	Power
Power	Axis PoE+ midspan 1–port: 100–240 V AC, max 22.4 W IEEE 802.3at Type 2 Class 4 Camera PoE consumption: typical 11 W, max 17.1 W Multiconnector: 24 V DC +/- 10%, typical 10.5 W, max 16.1 W 24 V AC +/- 10%, typical 16.5 VA, max 25.3 VA	

Connectors	RJ45 10BASE-T/100BASE-TX PoE, multiconnector (cable sold separately) for AC/DC power, 4 configurable alarm inputs/outputs, mic in, line mono input, line mono output to active speaker	NIST SP500-267 Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR
Storage	Support for SD/SDHC/SDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com	Weight Camera: 2.85 kg (6.3 lb); with drop-ceiling mount: 3.5 kg (7.7 lb)
Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 10–85% RH (non-condensing)	Dimensions Hard-ceiling: Ø198 x 240 mm (Ø7.8 x 9.45 in) Drop-ceiling: Ø248 x 243 mm (Ø9.76 x 9.57 in)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)	Included accessories Axis PoE+ midspan 1-port, Recessed mount for hard and drop ceilings, Smoked dome cover Installation Guide, Windows decoder 1-user license
Approvals	EMC EN 55032 Class A, EN 55035, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN 55024, 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/EN 60529 IP52, 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	Optional accessories AXIS P55/AXIS Q60 Multi-connector cable, 5 m AXIS T91 Mounting Accessories, AXIS T8415 Wireless Installation Tool, AXIS T90 Illuminators, AXIS T8310 Video Surveillance Control Board, multi-user decoder license pack
		Video management software AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/vms
		Languages English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
		Warranty 5-year warranty, 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).*