AXIS Q6075-S PTZ Network Camera

Outdoor-ready, stainless steel PTZ with HDTV 1080p and 40x zoom

AXIS Q6075-S PTZ Network Camera offers great overviews and excellent details. The marine-grade stainless steel casing can be filled with nitrogen to prevent internal condensation and create a nonflammable environment. It comes with autotracking 2, 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, the included TPM module ensures highest network security. Furthermore, Zipstream with H.264/ H.265 significantly lowers bandwidth and storage. The media converter enables daisy chain installation using standard network or fiber optic cables.

> **Pressurized marine-grade stainless steel casing**

> **HDTV 1080p and 40x optical zoom**

> **SFP slots for fiber, RJ45 connections**

> **I/O for alarm in/out**

> **Built-in analytics**

AXIS Q6075-S PTZ Network Camera

Variants	AXIS Q6075-S 50 Hz AXIS Q6075-S 60 Hz

Camera

Image sensor	1/2.8" progressive scan CMOS
Lens	4.25–170 mm, F1.6–4.95 Horizontal field of view: 65.1°–2.00° (1080p) Vertical field of view: 39.1°–1.18° (1080p) Autofocus, auto-iris
Day and night	Automatically removable infrared-cut filter
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
Shutter speed	1/11000 s to 1/3 s with 50 Hz 1/11000 s to 1/3 s with 60 Hz
Pan/Tilt/Zoom	Pan: 360° endless, 0.05°–450°/s Tilt: 220°, 0.05°–450°/s Zoom: 40x optical, 12x digital, total 480x zoom E-flip, 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

System on chip (SoC)

Model	ARTPEC-7
Memory	1024 MB 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) Main Profile Motion JPEG
Resolution	HDTV 1080p 1920x1080 to 320x180
Frame rate	Up to 50/60 fps (50/60 Hz) in HDTV 1080p
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
Image settings	Manual shutter time, compression, color, brightness, sharpness, white balance, exposure control, exposure zones, fine 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 profiles Wide Dynamic Range (WDR): Up to 120 dB depending on scene, highlight compensation

Network

Network protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, 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)

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 S and ONVIF® Profile T, specification at *onvif.org*
Video management systems	Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software from Axis' partners available at *axis.com/vms*.
Event conditions	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
Event actions	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 Notification via email, HTTP, HTTPS and TCP MQTT publish
Built-in installation aids	Pixel counter, leveling guide

Analytics

Applications	**Included** AXIS Object Analytics, AXIS Video Motion Detection, AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard, autotracking 2, active gatekeeper 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*
AXIS Object Analytics	**Object classes:** humans, vehicles **Scenarios:** line crossing, object in area, crossline counting Up to 10 scenarios **Other features:** triggered objects visualized with color-coded bounding boxes Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event
AXIS Scene Metadata	**Object classes:** humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates **Object attributes:** confidence, position

Approvals

EMC	EN 50121-4, IEC 62236-4, EN 55024, EN 55032 Class A, EN 55035, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2 **Australia/New Zealand:** RCM AS/NZS CISPR 32 Class A **Canada:** ICES-3(A)/NMB-3(A) **Japan:** VCCI Class A **Korea:** KCC KN32 Class A, KN35 **USA:** FCC Part 15 Subpart B Class A
Safety	IEC/EN/UL 60950-22, IEC/EN/UL 62368–1
Environment	IEC/EN 60529 IP66/IP67, 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, NEMA 250 Type 4X, NEMA TS 2 (2.2.7-2.2.9), MIL-STD 810G (Method 509)
Network	NIST SP500-267
Cybersecurity	ETSI EN 303 645, FIPS 140
	Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR

Cybersecurity

Edge security	**Software:** Signed OS, 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, Axis Edge Vault with secure keystore (CC EAL4+, FIPS 140-2 level 2 certified hardware protection of cryptographic operations and keys)
Network security	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), IEEE 802.1AE (MACsec PSK/EAP-TLS), HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, host-based firewall
Documentation	*AXIS OS Hardening Guide* *Axis Vulnerability Management Policy* *Axis Security Development Model* 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	IP6K9K-, IP66-, IP67-[a], NEMA 4X-, NEMA 6P and IK10-rated[b] Stainless steel casing (V4A, SAE 316L/UNS S31603/EN 1.4404), nylon clear dome
Sustainability	PVC free
Power	Camera consumption: Max 65 W PSU: 24 V DC +/- 0.5 V, min 3.2 A (75 W)
Connectors	IP68-rated multiconnector for DC power, Ethernet 10BASE-T/100BASE-TX and I/O
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*
Operating conditions	-30 °C to 50 °C (-22 °F to 122 °F) Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F) Humidity 10–100% RH (condensing)

Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Weight	6.0 kg (13 lb)
Dimensions	Ø224 x 256 mm (Ø8.82 x 10.1 in)
Included accessories	AXIS T8607 Media Converter Switch, 7 m (23 ft) IP68-rated multicable Installation Guide, Windows decoder 1-user license
Optional accessories	AXIS T8008 Power Supply, AXIS T94A02D Pendant Kit, AXIS T91F67 Pole Mount[c], AXIS Q60-S Smoked Dome, AXIS T8415 Wireless Installation Tool, AXIS T90 Illuminators, AXIS T8310 Video Surveillance Control Board, multi-user decoder license pack
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*

a. *Applies when the camera is filled with nitrogen.*
b. *Except valves on top.*
c. *Requires AXIS T91K61 Wall Mount*

AXIS T8607 Media Converter Switch

General	
Casing	Metal Color: White NCS S 1002-B
Power	24 V DC, max 4 W (power supply not included)
Connectors	2x RJ45 connectors (10/100 Mbps) (Use shielded cables (STP) CAT5 or higher.) 2x SFP connectors (100/1000 Mbps) for SFP fiber optic modules or SFP to copper modules 1x power 2x configurable alarm input/output ports Camera multicable
Display and indicators	Power LED indicator Camera network LED indicator Network LED indicator (4x)
Compliance	RoHS, REACH, WEEE, CE, EN 50022, IEC 60715, AS 2756
Mounting	DIN Rail mount
Environment	Indoor/Cabinet
Operating conditions	-40 °C to 75 °C (-40 °F to 167 °F) Humidity 10-85% RH (non-condensing)
Storage conditions	-40 °C to 75 °C (-40 °F to 167 °F) Humidity 10-85% RH (non-condensing)
Approvals	**EMC** EN 55022 Class A, 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 22, KCC KN22 Class A, KN24 **Safety** IEC/EN 60950-1
Dimensions	150 x 100 x 30 mm (5 15/16 x 3 15/16 x 1 3/16 in)
Weight	284 g (0.63 lb)
Included accessories	Bracket Mount DIN Clip
Warranty	3-year warranty, see *axis.com/warranty*