

## 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

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|--|--|--|
| <b>Variants</b>                          | AXIS Q6075-S 50 Hz<br>AXIS Q6075-S 60 Hz   | PTZ: PTZ malfunctioning, PTZ movement, PTZ preset position reached, PTZ ready<br>Scheduled and recurring: scheduled event<br>Video: live stream open |
| <b>Camera</b>                            |  |  |
| <b>Image sensor</b>                      | 1/2.8" progressive scan CMOS   |  |
| <b>Lens</b>                              | 4.25–170 mm, F1.6–4.95<br>Horizontal field of view: 65.1°–2.00° (1080p)<br>Vertical field of view: 39.1°–1.18° (1080p)<br>Autofocus, auto-iris   |  |
| <b>Day and night</b>                     | Automatically removable infrared-cut filter  |  |
| <b>Minimum illumination</b>              | Color: 0.1 lux at 30 IRE, F1.6<br>B/W: 0.002 lux at 30 IRE, F1.6<br>Color: 0.15 lux at 50 IRE, F1.6<br>B/W: 0.003 lux at 50 IRE, F1.6  |  |
| <b>Shutter speed</b>                     | 1/11000 s to 1/3 s with 50 Hz<br>1/11000 s to 1/3 s with 60 Hz   |  |
| <b>Pan/Tilt/Zoom</b>                     | Pan: 360° endless, 0.05°–450°/s<br>Tilt: 220°, 0.05°–450°/s<br>Zoom: 40x optical, 12x digital, total 480x zoom<br>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  |  |
| <b>System on chip (SoC)</b>              |  |  |
| <b>Model</b>                             | ARTPEC-7   |  |
| <b>Memory</b>                            | 1024 MB RAM, 512 MB Flash  |  |
| <b>Compute capabilities</b>              | Machine learning processing unit (MLPU)  |  |
| <b>Video</b>                             |  |  |
| <b>Video compression</b>                 | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles<br>H.265 (MPEG-H Part 2/HEVC) Main Profile<br>Motion JPEG  |  |
| <b>Resolution</b>                        | HDTV 1080p 1920x1080 to 320x180  |  |
| <b>Frame rate</b>                        | Up to 50/60 fps (50/60 Hz) in HDTV 1080p   |  |
| <b>Video streaming</b>                   | Multiple, individually configurable streams in H.264, H.265 and Motion JPEG<br>Axis Zipstream technology in H.264 and H.265<br>Controllable frame rate and bandwidth<br>VBR/ABR/MBR H.264/H.265  |  |
| <b>Image settings</b>                    | 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<br>Wide Dynamic Range (WDR): Up to 120 dB depending on scene, highlight compensation  |  |
| <b>Network</b>                           |  |  |
| <b>Network protocols</b>                 | IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS <sup>a</sup> , TLS <sup>b</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP <sup>c</sup> , 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)  |  |
| <b>System integration</b>                |  |  |
| <b>Application Programming Interface</b> | Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="https://axis.com">axis.com</a><br>One-Click Cloud Connection<br>ONVIF <sup>®</sup> Profile G, ONVIF <sup>®</sup> Profile S and ONVIF <sup>®</sup> Profile T, specification at <a href="https://onvif.org">onvif.org</a>   |  |
| <b>Video management systems</b>          | Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software from Axis' partners available at <a href="https://axis.com/vms">axis.com/vms</a> .   |  |
| <b>Event conditions</b>                  | 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<br>Edge storage: recording ongoing, storage disruption<br>I/O: digital input, manual trigger, virtual input<br>MQTT subscribe  |  |
| <b>Event actions</b>                     | Day/night mode, overlay text, video recording to edge storage, pre- and post-alarm video buffering, send SNMP trap<br>PTZ: PTZ preset, start/stop guard tour<br>File upload via FTP, SFTP, HTTP, HTTPS network share and email<br>Notification via email, HTTP, HTTPS and TCP<br>MQTT publish  |  |
| <b>Built-in installation aids</b>        | Pixel counter, leveling guide  |  |
| <b>Analytics</b>                         |  |  |
| <b>Applications</b>                      | <b>Included</b><br>AXIS Object Analytics, AXIS Video Motion Detection, AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard, autotracking 2, active gatekeeper<br><b>Basic analytics (not to be compared with third-party analytics):</b><br>object removed, enter/exit detector, object counter<br><b>Supported</b><br>Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="https://axis.com/acap">axis.com/acap</a> |  |
| <b>AXIS Object Analytics</b>             | <b>Object classes:</b> humans, vehicles<br><b>Scenarios:</b> line crossing, object in area, crossline counting<br>Up to 10 scenarios<br><b>Other features:</b> triggered objects visualized with color-coded bounding boxes<br>Polygon include/exclude areas<br>Perspective configuration<br>ONVIF Motion Alarm event  |  |
| <b>AXIS Scene Metadata</b>               | <b>Object classes:</b> humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates<br><b>Object attributes:</b> confidence, position   |  |
| <b>Approvals</b>                         |  |  |
| <b>EMC</b>                               | 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<br><b>Australia/New Zealand:</b> RCM AS/NZS CISPR 32 Class A<br><b>Canada:</b> ICES-3(A)/NMB-3(A)<br><b>Japan:</b> VCCI Class A<br><b>Korea:</b> KCC KN32 Class A, KN35<br><b>USA:</b> FCC Part 15 Subpart B Class A   |  |
| <b>Safety</b>                            | IEC/EN/UL 60950-22, IEC/EN/UL 62368-1  |  |
| <b>Environment</b>                       | 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)   |  |
| <b>Network</b>                           | NIST SP500-267   |  |
| <b>Cybersecurity</b>                     | ETSI EN 303 645, BSI IT Security Label, FIPS 140<br><b>Midspace:</b> EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR  |  |
| <b>Cybersecurity</b>                     |  |  |
| <b>Edge security</b>                     | <b>Software:</b> 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<br><b>Hardware:</b> Secure boot, Axis Edge Vault with secure keystore (CC EAL4+, FIPS 140-2 level 2 certified hardware protection of cryptographic operations and keys)   |  |
| <b>Network security</b>                  | IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2) <sup>c</sup> , IEEE 802.1AE (MACsec PSK/EAP-TLS), HTTPS/HSTS <sup>d</sup> , TLS v1.2/v1.3 <sup>e</sup> , Network Time Security (NTS), X.509 Certificate PKI, host-based firewall  |  |
| <b>Documentation</b>                     | <i>AXIS OS Hardening Guide</i><br><i>Axis Vulnerability Management Policy</i><br><i>Axis Security Development Model</i><br>AXIS OS Software Bill of Material (SBOM)<br>To download documents, go to <a href="https://axis.com/support/cybersecurity/resources">axis.com/support/cybersecurity/resources</a>  |  |

To read more about Axis cybersecurity support, go to [axis.com/cybersecurity](https://axis.com/cybersecurity)

| General                     |   |
|-----------------------------|---|
| <b>Casing</b>               | IP6K9K-, IP66-, IP67 <sup>-f</sup> , NEMA 4X-, NEMA 6P and IK10-rated <sup>g</sup><br>Stainless steel casing (V4A, SAE 316L/UNS S31603/EN 1.4404),<br>nylon clear dome  |
| <b>Sustainability</b>       | PVC free  |
| <b>Power</b>                | Camera consumption: Max 65 W<br>PSU: 24 V DC +/- 0.5 V, min 3.2 A (75 W)  |
| <b>Connectors</b>           | IP68-rated multiconnector for DC power, Ethernet<br>10BASE-T/100BASE-TX and I/O   |
| <b>Storage</b>              | Support for SD/SDHC/SDXC card<br>Support for SD card encryption<br>Support for recording to network-attached storage (NAS)<br>For SD card and NAS recommendations see <a href="https://axis.com">axis.com</a> |
| <b>Operating conditions</b> | -30 °C to 50 °C (-22 °F to 122 °F)<br>Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C<br>(165 °F)<br>Humidity 10–100% RH (condensing)   |
| <b>Storage conditions</b>   | -40 °C to 65 °C (-40 °F to 149 °F)<br>Humidity 5–95% RH (non-condensing)  |
| <b>Weight</b>               | 6.0 kg ( 13 lb)   |
| <b>Dimensions</b>           | Ø224 x 256 mm (Ø8.82 x 10.1 in)   |

|                             |   |
|-----------------------------|---|
| <b>Included accessories</b> | AXIS T8607 Media Converter Switch, 7 m (23 ft) IP68-rated multicable<br>Installation Guide, Windows decoder 1-user license  |
| <b>Optional accessories</b> | AXIS T8008 Power Supply, AXIS T94A02D Pendant Kit, AXIS T91F67 Pole Mount <sup>h</sup> , AXIS Q60-S Smoked Dome, AXIS T8415 Wireless Installation Tool, AXIS T90 Illuminators, AXIS T8310 Video Surveillance Control Board, multi-user decoder license pack |
| <b>Languages</b>            | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese  |
| <b>Warranty</b>             | 5-year warranty, see <a href="https://axis.com/warranty">axis.com/warranty</a>  |

- a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([openssl.org](https://openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).
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- c. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([openssl.org](https://openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).
- d. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([openssl.org](https://openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).
- e. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([openssl.org](https://openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).
- f. Applies when the camera is filled with nitrogen.
- g. Except valves on top.
- h. Requires AXIS T91K61 Wall Mount

## AXIS T8607 Media Converter Switch

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