# AXIS Q6075-SE PTZ Camera

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

AXIS Q6075-SE PTZ Camera offers great overviews and excellent details. 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 requirements. The media converter enables daisy chain installation using standard network or fiber optic cables.

> **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**



ONVIF® | GST

**HDTV**
NETWORK VIDEO

# AXIS Q6075-SE PTZ Camera

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| **Models** | AXIS Q6075-SE 50 Hz<br>AXIS Q6075-SE 60 Hz |

## Camera

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| **Image sensor** | 1/2.8" progressive scan CMOS |
| **Lens** | 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 |
| **Day and night** | Automatically removable infrared-cut filter |
| **Minimum illumination** | **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 |
| **Shutter speed** | 1/11000 s to 1/3 s with 50 Hz<br>1/11000 s to 1/3 s with 60 Hz |
| **Pan/Tilt/Zoom** | 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 |

## System on chip (SoC)

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| **Model** | ARTPEC-7 |
| **Memory** | 1024 MB RAM, 512 MB Flash |
| **Compute capabilities** | Machine learning processing unit (MLPU) |

## Video

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| **Video compression** | 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 |
| **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<br>Axis Zipstream technology in H.264 and H.265<br>Controllable frame rate and bandwidth<br>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<br>Wide Dynamic Range (WDR): Up to 120 dB depending on scene, highlight compensation |

## Network

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| **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, protection of cryptographic keys with FIPS 140-2 certified TPM 2.0 module |
| **Supported 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, RTSP, RTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, NTCIP, LLDP, CDP, MQTT, Syslog, Link-Local address (ZeroConf) |

## System integration

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| **Application Programming Interface** | Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *axis.com*<br>One-Click Cloud Connection<br>ONVIF® Profile G, ONVIF® Profile S and ONVIF® Profile T, specification at *onvif.org* |
| **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<br>Edge storage: recording ongoing, storage disruption |

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| | I/O: digital input, manual trigger, virtual input<br>MQTT subscribe<br>PTZ: PTZ malfunctioning, PTZ movement, PTZ preset position reached, PTZ ready<br>Scheduled and recurring: scheduled event<br>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<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 |
| **Data streaming** | Event data |
| **Built-in installation aids** | Pixel counter, leveling guide |

## Analytics

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| **AXIS Object Analytics** | **Object classes:** humans, vehicles<br>**Trigger conditions:** line crossing, object in area<br>Up to 10 scenarios<br>Metadata visualized with color-coded bounding boxes<br>Polygon include/exclude areas<br>Perspective configuration<br>ONVIF Motion Alarm event |
| **Applications** | Included<br>AXIS Object Analytics<br>AXIS Video Motion Detection, autotracking 2, active gatekeeper<br>Basic analytics (not to be compared with third-party analytics): object removed, enter/exit detector, object counter<br>Supported<br>Support for AXIS Camera Application Platform enabling installation of third-party applications, see *axis.com/acap* |

## General

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| **Casing** | IP66-, IP67-, NEMA 4X- and IK10-rated<br>Stainless steel casing (V4A, SAE 316L/UNS S31603/EN 1.4404), nylon clear dome |
| **Sustainability** | PVC free |
| **Power** | Camera consumption: Max 65 W<br>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<br>Support for SD card encryption<br>Support for recording to network-attached storage (NAS)<br>For SD card and NAS recommendations see *axis.com* |
| **Operating conditions** | -30 °C to 50 °C (-22 °F to 122 °F)<br>Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F)<br>Humidity 10–100% RH (condensing) |
| **Storage conditions** | -40 °C to 65 °C (-40 °F to 149 °F)<br>Humidity 5–95% RH (non-condensing) |
| **Approvals** | **EMC**<br>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, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), VCCI Class A, RCM AS/NZS CISPR 32 Class A, KCC KN32 Class A, KN35<br>**Safety**<br>IEC/EN/UL 60950-1, IS 13252<br>IEC/EN/UL 60950-22, IEC/EN/UL 62368-1<br>**Environment**<br>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)<br>**Network**<br>NIST SP500-267 |
| **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<br>Installation Guide, Windows decoder 1-user license |

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| **Optional accessories** | AXIS T8008 Power Supply, AXIS T94A02D Pendant Kit, AXIS T91F67 Pole Mount[b], AXIS Q60-S Smoked Dome, 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* |

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| **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).*
b. *Requires AXIS T91K61 Wall Mount*

## AXIS T8607 Media Converter Switch

| General | |
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| **Casing** | Metal<br>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.)<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 |
| **Display and indicators** | Power LED indicator<br>Camera network LED indicator<br>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)<br>Humidity 10-85% RH (non-condensing) |
| **Storage conditions** | -40 °C to 75 °C (-40 °F to 167 °F)<br>Humidity 10-85% RH (non-condensing) |
| **Approvals** | **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 |
| **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* |

Environmental responsibility:

*axis.com/environmental-responsibility*

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