AXIS Q6075-E PTZ Network Camera
Outdoor-ready PTZ with HDTV 1080p and 40x optical zoom

AXIS Q6075-E PTZ Network Camera offers HDTV 1080p and 40x optical zoom for great overviews and excellent details. This high-performance outdoor 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-E PTZ Network Camera**

**Camera**

- **Models**: AXIS Q6075-E 60 Hz, AXIS Q6075-E 50 Hz
- **Image sensor**: 1/2.8” progressive scan CMOS
- **Lens**: 4.25-170 mm, F1.6-4.95
  - Horizontal field of view: 65.1°-2.000° (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 time**: 1/10000 s to 1/3 s with 50 Hz, 1/10000 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

**Video**

- **Video compression**: H.264 (MP@4 Part 109VC) 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 or square 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**

- **Security**: Password protection, IP address filtering, HTTPS encryption, IEEE 802.1x (EAP-TLS) network access control, digest authentication, user access log, certified 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, USB 3.0, HTTP, HTTPS, SSL/TLS, G08 Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, RTSP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCP, LLDP, MGTT

**System integration**

- **Application Programming Interface**: Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com

**Analytics**

- **Included**: 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, SMD
- **Support**: Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/ocap

**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

**Data streaming**

- **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 preset, start/stop guard tour
  - File upload via FTP, SFTP, HTTP, HTTPS network share and email Notification via email, HTTP, HTTPS and TCP

**Built-in installation aids**

- **Pixel counter**, leveling guide

**General**

- **Casing**: IP66-, IP67-, NEMA 4X- and IK10-rated
  - Metal casing (aluminum), polycarbonate (PC) clear dome, sunshield (PC/ASA)
- **Sustainability**: PVC free
- **Memory**: 1024 MB RAM, 512 MB Flash
- **Power**: Axis High PoE 60 W SFP midspan: 100–240 V AC, max 66.1 W
  - Camera consumption: typical 14 W, max 51 W
- **Connectors**: RJ45 10BASE-T/100BASE-TX PoE, RJ45 Push-pull Connector (IP66/IP67)
- **Storage**: Support for SD/SDHC/SDXC card
  - Supports for SD card encryption
  - Support for recording to network-attached storage (NAS)
  - For SD card and NAS recommendations see axis.com
- **Operating conditions**:
  - With 30 W: 20 °C to 50 °C [-4 °F to 122 °F]
  - With 60 W: 50 °C to 50 °C [-158 °F to 122 °F]
  - Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F)
  - Arctic Temperature Control: Start-up as low as -40 °C (-40 °F)
  - Humidity 10–100% RH (condensing)
- **Storage conditions**: -40 °C to 65 °C [-40 °F to 149 °F]

**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

**Dimensions**

- **Weight**: 3.75 kg (8.3 lb)

**Included accessories**

- **Axis High PoE 60 W SFP midspan 1-port, RJ45 Push-pull Connector (IP66), Sunshield Installation Guide, Windows decoder 1-user license**

**Optional accessories**

- **AXIS T19 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**

- **Axis 3-year warranty and AXIS Extended Warranty option, see www.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).

Environmental responsibility:
axis.com/environmental-responsibility