

AXIS Q1775 Network Camera

Flexible day/night camera for excellent video and audio

AXIS Q1775 is a day and night HDTV 1080p camera that covers great distances, providing both wide overviews and detailed images for identification purposes. The camera features 10x optical zoom, 12x digital zoom and autofocus. With its built-in microphone, it provides two-way audio in 48 kHz. AXIS Q1775 offers video motion detection, active tampering alarm and the Gatekeeper functionality, which makes the camera zoom in automatically when there is activity in the scene, and then zoom out after a pre-set time interval. The camera delivers multiple, individually configurable streams in H.264 and Motion JPEG, and provides edge storage for optional local video storage.

- > **Complies with SMPTE standards for HDTV 1080p**
- > **WDR – Dynamic Capture, 130dB@30fps and 90dB@60fps**
- > **10x optical zoom and autofocus**
- > **Excellent image quality in all lighting conditions**
- > **Intelligent video capabilities**



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| Camera | |
| Image sensor | 1/2.8" progressive scan CMOS |
| Lens | 3.8–38 mm, F1.8–3.4 Horizontal field of view 67.8°–8.1° Vertical field of view 41.2°–4.5° Autofocus, Automatic day/night IR filter, Focus near limit: 320 mm (wide) or 800 mm (tele), M37x0.75 mounting thread for optional lens adaptor |
| Minimum illumination | Color: 0.23 lux B/W: 0.05 lux |
| Shutter time | 1/10000 s to 1 s |
| Pan/Tilt/Zoom | Zoom: 10x optical and 12x digital, total 120x |
| Video | |
| Video compression | H.264 (MPEG-4 Part 10/AVC) Baseline, High, and Main Profiles Motion JPEG |
| Resolutions | 1920x1080 HDTV 1080p to 160x100 Video out: Standard NTSC/PAL for installation |
| Frame rate | Up to 60/50 fps (60/50 Hz) in all resolutions |
| Video streaming | Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264 |
| Image settings | Compression, Brightness, Sharpness, White balance, Exposure control, Exposure zones, Backlight compensation, Fine tuning of behavior at low light, Mirroring of images, Rotation: Auto, 0°, 90°, 180°, 270° including Corridor Format (not applicable in analog video output), Text and image overlay, Privacy mask, WDR – dynamic capture, Defogging, Day/Night shift level, Noise reduction |
| Audio | |
| Audio streaming | Two-way, full duplex |
| Audio compression | AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate |
| Audio input/output | External unbalanced/balanced microphone or line input, built-in microphone (can be disabled) |
| Network | |
| Security | Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized Certificate Management |
| Supported protocols | IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH |
| System integration | |
| Application Programming Interface | Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at www.axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF [®] Profile G and ONVIF [®] Profile G, specification at www.onvif.org |
| Analytics | AXIS Video Motion Detection 4, Active tampering alarm, audio detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap |

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| Event triggers | Analytics, Detectors, Hardware, Input signal, PTZ, Edge storage events, System, Time |
| Event actions | File upload: FTP, SFTP, HTTP, HTTPS network share and email Notification: email, HTTP, HTTPS and TCP External output activation Video recording to edge storage, Play audio clip Pre- and post-alarm video buffering PTZ preset, Overlay text, Send SNMP trap, Status LED, WDR mode |
| Data streaming | Event data |
| Built-in installation aids | Levelling assistant, Pixel counter |
| General | |
| Casing | Camera – Zinc Color: Black chassis, NCS S 9000-N; Silver top, RAL 9600 |
| Memory | 512 MB RAM, 128 MB Flash |
| Power | Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max 11.2 W 8-28 V DC, max 9.3 W; or 20-24 V AC, max 15.5 VA (50/60 Hz) |
| Connectors | RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin 2.5 mm terminal block, for two configurable inputs/outputs RS485/RS422: Two 2-pin terminal blocks for the RS485/422 serial interface 2-pin terminal block for AC/DC power input 3.5 mm mic/line in, 3.5 mm line out Video out: 3 x RCA for YPbPr (SD/HD) or 1 x RCA for CVBS (SD) |
| Storage | Support for SD/SDHC/SDXC card SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com |
| Operating conditions | 0 °C to 50 °C (23 °F to 122 °F) Humidity 10–85% RH (non-condensing) |
| Approvals | EN 55022 Class A, EN 55024, EN 61000-6-1, EN 61000-6-2, EN 61000-3-2, EN 61000-3-3, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 22 Class A, KCC KN22 Class A, KN24, IEC/EN/UL 60950-1, IEC 60068-2-6, IEC 60068-2-27 Level M3 |
| Weight | 1.1 kg (2.3 lb) excluding power supply |
| Dimensions | 59 x 79 x 182 mm (2.3 x 3.1 x 7.1 in) |
| Included accessories | I/O connector block kit, Installation Guide, Windows decoder 1-user license Stand |
| Video management software | AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/support/downloads |
| 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. (www.openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).

Environmental responsibility:

www.axis.com/environmental-responsibility