AXIS Q1775-E Network Camera

Flexible outdoor day/night camera for excellent video and audio

AXIS Q1775-E is an outdoor-ready, day and night HDTV 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. Axis' Arctic Temperature Control allows the IP66, IK10, and NEMA 4X-rated AXIS Q1775-E to start up even at -40 °C (-40 °F). The camera offers video motion detection, active tampering alarm and Gatekeeper functionality. 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
- > 10 x optical zoom and autofocus
- > Excellent image quality in all lighting conditions
- > Arctic Temperature Control, operation in up to -40 °C (-40 °F) with PoE+ Midspan



1506222/EN/M4.2/062016

Camera	
Image sensor	Progressive scan CMOS 1/2.8" with full HD (1080/60p)
Lens	3.8 mm (wide)–38 mm (tele), 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
Frame rate	50/60 fps 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
Supported protocols	IPv4/v6, HTTP, HTTPS[a], SSL/TLS[a], QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS
System integration	
Application Programming Interface	Open API for software integration, including VAPIX®, Support for AXIS Camera Application Platform, enabling installation of additional applications AXIS Video Motion Detection 3, AXIS Cross Line Detection; specifications at www.axis.com AXIS Video Hosting System (AVHS) with One-Click Camera Connection ONVIF Profile S, specifications at www.onvif.org
Analytics	Video motion detection, Tampering alarm, Audio detection, Gatekeeper, AXIS Camera Application Platform enabling installation of additional applications
Event triggers	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 IP66- and NEMA 4X-rated, IK10 impact-resistant aluminum enclosure
Memory	512 MB RAM, 128 MB Flash Battery backed-up real-time clock
Power	Power over Ethernet (PoE) IEEE 802.3at Type 2 Class 4 max 25.5 W
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 3.5 mm mic/line in, 3.5 mm line out
Storage	Support for SD/SDHC/SDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see *www.axis.com*
Operating conditions	-40 °C to 50 °C (-40 °F to 122 °F) Humidity 10–100% RH (condensing)
Approvals	EN 55022 Class A, EN 55024, EN 61000-6-1, EN 61000-6-2, EN 61000-3-2, EN 61000-3-3, EN 50121-4, IEC 62236-4, 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 60950-22, IEC 60068-2-6, IEC 60068-2-27 Level M4, IP66 of IEC 60529, NEMA 250 Type 4X
Weight	3.6 kg (7.9 lb)
Dimensions	Without sunshield: 129 x 107 x 343 mm (5.0 x 4.2 x 13.5 in), With sunshield: 140 x 121 x 405 mm (5.8 x 4.7 x 15.9.1 in), Wall mount arm (D): 120 x 80 x 204 mm (4.7 x 3.1 x 8.03 in)
Included accessories	I/O connector block kit, Installation Guide, Windows decoder 1-user license AXIS T94Q01A Wall Mount
Video management software	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on *www.axis.com/techsup/software*
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 (eay@cryptsoft.com).*

Environmental responsibility:

www.axis.com/environmental-responsibility

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