

AXIS Q1755/-E Network Cameras

HDTV network cameras with zoom and autofocus.



- > HDTV image quality
- > Zoom and autofocus with pan/tilt head support
- > Power over Ethernet
- > Gatekeeper functionality
- > Outdoor-ready model with Arctic Temperature Control

The indoor AXIS Q1755 and the outdoor-ready model, AXIS Q1755-E, are day and night HDTV cameras, designed for securing areas where high-quality identification is needed, for example, at casinos, passport controls, airports, railway stations and for perimeter surveillance.

AXIS Q1755/-E Network Cameras deliver HDTV 1080i or 720p in compliance with the SMPTE 274M and 296M standards regarding resolution, color fidelity, 16:9 format and full frame rate. The cameras enable multiple, individually configurable streams in H.264 and Motion JPEG. H.264 greatly optimizes bandwidth and storage without compromising image quality.

AXIS Q1755/-E cameras have 10x optical zoom, 12x digital zoom and autofocus. They provide the desired field of view immediately and in perfect focus. The cameras can also pan and tilt when an optional pan/tilt motor is used.

Installation is made easy with Power over Ethernet (PoE, IEEE 802.3af), which eliminates the need for power cables. The cameras also have an SD/SDHC memory card slot for storing recordings locally.

AXIS Q1755/-E cameras offer video motion detection, audio detection, active tampering alarm and the Gatekeeper functionality, which enables the cameras to automatically zoom in when there is activity in the scene, and then zoom out after a preset time interval.

The IP66-rated outdoor-ready model operates in temperatures from -40 °C to 45 °C (-40 °F to 113 °F) using PoE and High PoE, and features Axis' unique Arctic Temperature Control for powering up at very low temperatures following a power failure.



Technical Specifications – AXIS Q1755/-E Network Cameras

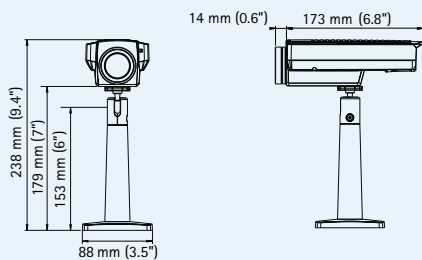
Camera	
Models: Indoor	AXIS Q1755 60 Hz; AXIS Q1755 50 Hz
Models: Outdoor	AXIS Q1755-E 60 Hz; AXIS Q1755-E 50 Hz
Image sensor	1/3" progressive scan CMOS 2 megapixel
Lens	f=5.1 - 51 mm, F1.8 - 2.1, autofocus, automatic day/night Horizontal angle of view: 50° - 5.4° M37x0.75 mounting thread for optional lens adaptor
Minimum illumination	Color: 2 lux at 30 IRE, F1.8 B/W: 0.2 lux at 30 IRE, F1.8
Shutter time	1/10000 s to 1/2 s
Zoom	10x optical and 12x digital, total 120x
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Motion JPEG
Resolutions	HDTV 1080i 1920x1080, HDTV 720p 1280x720 Standard NTSC/PAL for installation
Frame rate H.264/ Motion JPEG	30/25 fps in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264
Image settings	Compression, brightness, sharpness, white balance, exposure control, backlight compensation, rotation - including Corridor Format™, mirroring of images, text and image overlay, privacy mask
Audio	
Audio streaming	Two-way
Audio compression	AAC LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate
Audio input/output	Built-in microphone, external microphone or line input, line output
Network	
Security	Password protection, IP address filtering, HTTPS encryption*, IEEE 802.1X network access control*, digest authentication, user access log
Supported protocols	IPv4/v6, HTTP, HTTPS*, QoS Layer 3 DiffServ, FTP, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS. Wide range of PT heads supported (drivers available for download at www.axis.com)

System integration	
Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform from Axis Communications; specifications available at www.axis.com Includes the ONVIF specification available at www.onvif.org AXIS Video Hosting System (AVHS) with One-Click Camera Connection
Intelligent video	Video motion detection, active tampering alarm, audio detection, Gatekeeper, AXIS Camera Application Platform
Alarm triggers	Video motion detection, active tampering alarm, audio detection, temperature, external input, AXIS Camera Application Platform
Alarm events	File upload via FTP, HTTP and email; notification via email, HTTP and TCP; external output activation
Video buffer	96 MB pre- and post alarm
General	
Casing	Camera: Metal (zinc) AXIS Q1755-E: IP66- and NEMA 4X-rated, IK10 impact-resistant aluminum enclosure
Processor and memory	ARTPEC-3, 256 MB RAM, 128 MB Flash
Power	AXIS Q1755: 8-20 V DC max. 11.2 W ; 20-24 V AC max. 17.4 VA; Power over Ethernet IEEE 802.3af Class 3 AXIS Q1755-E: Power over Ethernet (PoE) IEEE 802.3af Class 3 or High Power over Ethernet (High PoE)
Connectors	RJ-45 10BASE-T/100BASE-TX PoE, terminal block for power I/O terminal block for two configurable inputs/outputs 3.5 mm mic/line in, 3.5 mm line out RS-422/RS-485 Video out: 3x RCA Y/Pb/Pr (HD), 1x RCA Composite (SD)
Local storage	SD/SDHC memory card slot (card is not included)
Operating conditions	AXIS Q1755: 0 °C to 45 °C (32 °F to 113 °F); Humidity 20-80% RH (non-condensing) AXIS Q1755-E: -30 °C to 45 °C (-22 °F to 113 °F) with PoE; down to -40 °C (-40 °F) with High PoE Arctic Temperature Control enables camera start-up at temperatures as low as -40 °C (-40 °F) with High PoE
Approvals	EN 55022 Class B, EN 55024, EN 61000-6-1, EN 61000-6-2, EN 60950-1, FCC Part 15, Subpart B, Class B, VCCI, Class B ITE, C-tick AS/NZS CISPR 22, ICES-003, Class B AXIS Q1755: EN 61000-3-2, EN 61000-3-3 AXIS Q1755-E: IEC 60529 IP66, NEMA 250 Type 4X, 60950-22, IEC 62262 IK10, IEC 60068-2-6, IEC 60068-2-27
Weight	AXIS Q1755: 1.0 kg (2.2 lb.); AXIS Q1755-E: 3.5 kg (7.7 lb.)
Included accessories	Mounting and connector kits, Installation Guide, CD with installation tools, recording software and User's Manual, Windows decoder 1-user license AXIS Q1755-E: wall mount bracket, sunshield, cable glands
Optional accessories	Wall bracket accessories, AXIS PoE Midspan 1-port, AXIS T8123 High PoE Midspan 1-port, AXIS T90A Illuminators, YP3040 Pan-Tilt Motor, AXIS T8414 Installation Display, AXIS Camera Station and video management software from Axis' Application Development Partners

* This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org)

More information is available at www.axis.com

Dimensions: AXIS Q1755 Network Camera



Dimensions: AXIS Q1755-E Network Camera including wall mount bracket with internal cable channel

