AXIS Q1755/-E Network Cameras
HDTV network cameras with zoom and autofocus.

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.
Dimensions AXIS Q1755 Network Camera

Dimensions AXIS Q1755-E Network Camera including wall mount bracket

1. Without sunshield
2. With sunshield
3. Wall mount arm and rear view of wall mount bracket

Optional Accessories
AXIS Q1755
1. AXIS T92E Housing
AXIS Q1755-E
2. AXIS YP3040 Pan-Tilt Motor
3. AXIS YP3040 Wall Bracket
4. AXIS T91A47 Pole Mount
AXIS Q1755 & AXIS Q1755-E
5. AXIS T90A Illuminators
6. AXIS T83 Microphones
7. AXIS P8221 I/O Audio Module
8. Scan for a complete list of accessories: www.axis.com/products/q17_series/
### Technical Specifications - AXIS Q1755/-E Network Cameras

| Models       | AXIS Q1755 50/60 Hz  
|--------------|---------------------
|              | AXIS Q1755-E 50/60 Hz  

#### Camera
- **Image sensor**: Progressive scan CMOS 1/3"  
- **Lens**: f=5.1–51 mm, F1.8–2.1, Autofocus, Automatic day/night  
  Horizontal angle of view: 48.1°–5.1°  
  M37x0.75 mounting thread for optional lens adaptor  
- **Minimum illumination**: Color: 2 lux at 30IRE, F1.8  
  B/W: 0.2 lux at 30IRE, F1.8  
- **Shutter time**: 1/10000 s to 1/2 s  
- **Pan/Tilt/Zoom**: 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: 25/30 fps in all resolutions  
  Motion JPEG: 25/30 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, Text and image overlay, Privacy mask, Mirroring of images

#### 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/IPv6**, 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, SSH. 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, specifications at www.axis.com  
- **AXIS Video Hosting System (AVHS)** with One-Click Camera Connection.  
  ONVIF Profile S, specification at www.onvif.org

#### Intelligent video
- Video motion detection, Active tampering alarm, Audio detection, Gatekeeper, AXIS Camera Application Platform enabling installation of additional applications

#### Event triggers
- Video motion detection, Active tampering alarm, Audio detection, Temperature, External input, AXIS Camera Application Platform

#### Event actions
- File upload: FTP, HTTP and email  
  Notification: email, HTTP and TCP  
  Pre- and post-alarm video buffering  
  External output activation

#### General
- **Casing**: Camera: Metal (zinc)  
  AXIS Q1755-E: IP66- and NEMA 4X-rated, IK10 impact-resistant aluminum enclosure

- **Memory**: 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 (HiPoE)  
- **Connectors**:  
  RJ45 10BASE-T/100BASE-TX PoE, Terminal block for power I/O terminal block for two configurable inputs/outputs  
  3.5 mm mic/in, 3.5 mm line out, RS422/RS485  
  Video out: 3x RCA Y/Pb/Pr (HD), 1x RCA Composite (SD)  
- **Edge storage**: SD/SDHC memory card slot (card not included)

#### Operating conditions
- **AXIS Q1755**: 0 °C to 45 °C (32 °F to 113 °F); Humidity 10-85% 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 61000-6-1, EN 61000-6-2, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B ITE, C-tick AS/NZS CISPR 22 Class B, EN 60950-1**  
- **AXIS Q1755-E**: EN 61000-3-2, EN 61000-3-3  
- **AXIS Q1755**: IEC 60952 IP66, NEMA 250 Type 4X, 60950-22, IEC 62262 IK10, IEC 60068-2-6, IEC 60068-2-27

#### Weight
- **AXIS Q1755**: 1 kg (2.2 lb)  
- **AXIS Q1755-E**: 3.5 kg (7.7 lb)

#### Included accessories
- Installation Guide, Installation and Management Software CD, Windows decoder 1-user license, Mounting and connector kits  
- **AXIS Q1755-E**: Wall mount bracket, Sunshield, Cable glands

#### Video management software
- **AXIS Camera Station and video management software from Axis’ Application Development Partners (not included)**. For more information, see www.axis.com/products/video/software

  a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/), and cryptographic software written by Eric Young (eay@cryptsoft.com).

More information is available at www.axis.com
About Axis Communications

Axis offers intelligent security solutions that enable a smarter, safer world. As the global market leader in network video, Axis is driving the industry by continually launching innovative network products based on an open platform – delivering high value to customers through a global partner network. Axis has long-term relationships with partners and provides them with knowledge and ground-breaking network products in existing and new markets.

Axis has more than 1,600 dedicated employees in more than 40 countries around the world, supported by a network of over 65,000 partners across 179 countries. Founded in 1984, Axis is a Sweden-based company listed on NASDAQ OMX Stockholm under the ticker AXIS.

For more information about Axis, please visit our website www.axis.com.