

## AXIS Q1765-LE Network Camera

Bullet-style, outdoor-ready camera with integrated IR, 18x zoom and HDTV 1080p

AXIS Q1765-LE is a slim, bullet-style, outdoor-ready network camera with 18x optical zoom and auto-focus, providing both wide overviews and detailed images for identification purposes at long distances. It delivers HDTV 1080p video in multiple, individually configurable H.264 and Motion JPEG video streams. The built-in IR illumination is provided by four highly power-efficient, auto-adjusting LEDs. AXIS Q1765-LE supports wide dynamic range (WDR) and Axis' unique Corridor Format, allowing effective monitoring with higher resolution in vertical scenes. The compact, light-weight camera is IP66-rated and features Axis' Arctic Temperature Control for powering up at very low temperatures following a power failure.

- > [18x optical zoom and autofocus](#)
- > [Built-in IR illumination](#)
- > [HDTV 1080p and H.264](#)
- > [IP66- and NEMA 4X-rated for outdoor use](#)
- > [Axis' unique Corridor Format](#)



# AXIS Q1765-LE Network Camera

<b>Camera</b>	
<b>Image sensor</b>	Progressive scan RGB CMOS 1/2.9"
<b>Lens</b>	4.7-84.6 mm, F1.6-2.8 Autofocus, Automatic day/night Horizontal angle of view: 59°-4°
<b>Day and night</b>	Automatically removable infrared-cut filter in day mode and infrared-pass filter 720 nm in night mode
<b>Minimum illumination</b>	Color: 0.5 lux at 30 IRE F1.6 B/W: 0.04 lux at 30 IRE F1.6, 0 lux with IR illumination on
<b>Shutter time</b>	1/28000 s to 2 s
<b>Video</b>	
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Mainline and Baseline Profiles Motion JPEG
<b>Resolutions</b>	1920x1080 to 160x90
<b>Frame rate</b>	Up to 25/30 fps (50/60 Hz) in all resolutions
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264
<b>Image settings</b>	Manual shutter time, Compression, Color, Brightness, Sharpness, White balance, Exposure control, Exposure zones, Backlight compensation, Fine tuning of behavior at low light, Rotation, Text and image overlay, 3D privacy mask, Day/night shift level Axis' Corridor Format WDR-Dynamic Contrast
<b>Pan/Tilt/Zoom</b>	18x optical zoom and 12x digital zoom, Preset positions
<b>Audio</b>	
<b>Audio streaming</b>	Two-way
<b>Audio compression</b>	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Configurable bit rate
<b>Audio input/output</b>	Requires multi-connector cable (not included) for external microphone input or line input and line output
<b>Audio input</b>	3.5 mm jack for mic/line in, max 200 mVpp for microphone, max 6.2 Vpp for line signal Impedance: Min 1 kΩ, Mic-Power activated; Min 4 kΩ line Tip: Signal/Bias Ring: Bias Sleeve: Ground Power to external electret microphone: 1.3 – 2.6 V DC (3.0 V DC through 2130 Ω) SNR: > 70 dB
<b>Audio output</b>	3.5 mm jack for line out, max 2.0 Vpp SNR: > 70 dB Tip: Signal/Bias Ring: Bias Sleeve: Ground Output impedance: Max 100 Ω, normal < 1 Ω
<b>Network</b>	
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH
<b>System integration</b>	
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform, AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S,
<b>Analytics</b>	Video motion detection, Gatekeeper, Active tampering alarm Audio detection Support for AXIS Camera Application Platform enabling installation of AXIS Video Motion Detection 3, AXIS Cross Line

	Detection, AXIS Digital Autotracking and third-party applications,
<b>Event triggers</b>	Analytics, Edge storage events External input
<b>Event actions</b>	File upload: FTP, SFTP, HTTP, HTTPS, network share and email Notification: email, HTTP, HTTPS, TCP and SNMP trap External output activation Video and audio recording to edge storage Pre- and post-alarm video buffering
<b>Data streaming</b>	Event data
<b>Built-in installation aids</b>	Pixel counter
<b>General</b>	
<b>Casing</b>	IP66- and NEMA 4X-rated, impact-resistant aluminum enclosure with integrated dehumidifying membrane Color: White NCS S 1002-B
<b>Memory</b>	256 MB RAM, 128 MB Flash
<b>Power</b>	Power over Ethernet IEEE 802.3af, max 12.95 W 8-28 V DC max 15.2 VA 20-24 V AC max 22.0 VA
<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX PoE DC Power connector Multi-connector (not included): 2 configurable alarm inputs/outputs, Mic in, Line mono input, Line mono output
<b>IR illumination</b>	Power-efficient, long-life 850 nm IR LED's with adjustable angle of illumination and intensity. Range of reach up to 15 m (50 ft) in wide field of view and up to 40 m (130 ft) in full tele view
<b>Edge storage</b>	Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations
<b>Operating conditions</b>	-40 °C to 50 °C (-40 °F to 122 °F) Humidity 10-100% RH (condensing)
<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F)
<b>Approvals</b>	EN 50121-4, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN/IEC/UL 60950-22, EN/IEC 62471 risk group 1 EN 55022 Class B, RCM AS/NZS CISPR 22 Class B, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, KCC KN22 Class B, KN24
<b>Dimensions</b>	146 x 105 x 344 mm (5 3/4 x 4 1/8 x 13 9/16 in)
<b>Weight</b>	1.8 kg (4.0 lb) including the bracket
<b>Included accessories</b>	Connector kit, Installation Guide, Recording software and User's Manual, Windows decoder 1-user license, Allen key AXIS Q1765 Foot Chassis AXIS Q1765-LE Front Kit AXIS T94G01S Mounting Plate AXIS Sunshield B
<b>Optional accessories</b>	AXIS T8604 Media Converter Switch AXIS T91A47 Pole Mount AXIS T94P01B Corner Bracket
<b>Video management software</b>	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available
<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Traditional Chinese, Japanese, Korean, Portuguese
<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option,