

AXIS Q1765-LE Network Camera

Outdoor-ready, bullet camera with integrated IR and 18x zoom

AXIS Q1765-LE is a slim, outdoor-ready, bullet 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

Camera		Pre- and post-alarm video buffering File upload: FTP, SFTP, HTTP, HTTPS, network share and email Notification: email, HTTP, HTTPS, TCP and SNMP trap
Image sensor	1/2.9" progressive scan RGB CMOS	
Lens	4.7–84.6 mm, F1.6–2.8 Horizontal angle of view: 59°–4° Autofocus, automatic day/night	Data streaming Event data
Day and night	Automatically removable infrared-cut filter in day mode	Built-in installation aids Remote zoom, pixel counter, leveling assistant, autorotation
Minimum illumination	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	Cybersecurity
Shutter speed	1/28000 s to 2 s	Edge security Software: Signed firmware, brute force delay protection, digest authentication, password protection
Video		Network security IEEE 802.1X (EAP-TLS), HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, IP address filtering
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	Documentation <i>AXIS OS Hardening Guide</i> <i>Axis Vulnerability Management Policy</i> <i>Axis Security Development Model</i> To download documents, go to axis.com/support/cybersecurity/resources To read more about Axis cybersecurity support, go to axis.com/cybersecurity
Resolution	1920x1080 HDTV 1080p to 160x90	
Frame rate	Up to 30/25 fps (60/50 Hz) 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	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	General
Pan/Tilt/Zoom	18x optical zoom and 12x digital zoom, preset positions	Casing IP66- and NEMA 4X-rated, impact-resistant aluminum enclosure with integrated dehumidifying membrane Color: White NCS S 1002-B
Audio		Memory 256 MB RAM, 128 MB Flash
Audio streaming	Two-way	Power Power over Ethernet (PoE) IEEE 802.3af, max 12.95 W 8–28 VDC max 15.2 W 20–24 VAC max 22.0 VA
Audio encoding	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate	Connectors Shielded 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
Audio input/output	Requires multi-connector cable (not included) for external microphone input or line input and line output	IR illumination 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
Audio input	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 VDC (3.0 VDC through 2130 Ω) SNR: > 70 dB	Storage Support for microSD/microSDHC/microSDXC card and encryption Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Audio output	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	Operating conditions –40 °C to 50 °C (–40 °F to 122 °F) Humidity 10–100% RH (condensing)
Network		Storage conditions –40 °C to 65 °C (–40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Network protocols	IPv4/v6, HTTP, HTTPS, SSL/TLS, 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, SSH	Approvals EMC 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 EN 50121-4, EN 55024 Environment EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2 Safety EN/IEC/UL 60950-22, IS 13252 Other EN/IEC 62471 risk group 1
System integration		Dimensions 146 x 105 x 344 mm (5 3/4 x 4 1/8 x 13 9/16 in)
Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF® Profile G and ONVIF® Profile S specification at onvif.org	Weight 1.8 kg (4.0 lb) including the bracket
Analytics	Included AXIS Video Motion Detection, active tampering alarm, gatekeeper, audio detection Supported AXIS Perimeter Defender, AXIS Cross Line Detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap	Included accessories Installation guide, Windows® decoder 1-user license, connector kit, Resistorx® L-key AXIS Q1765 Foot Chassis, AXIS T94G01S Mounting Plate, AXIS Sunshield B AXIS Q1765-LE Front Kit
Event triggers	Analytics, edge storage events External input	Optional accessories AXIS T8604 Media Converter Switch AXIS T91A47 Pole Mount, AXIS T94P01B Corner Bracket For more accessories, see axis.com
Event actions	External output activation, video and audio recording to edge storage	Video management software AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms
		Languages English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
		Warranty 3-year warranty and AXIS Extended Warranty option, see axis.com/warranty