

## AXIS Q1765-LE PT Mount Network Camera

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

AXIS Q1765-LE PT Mount 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 great distances. It delivers HDTV 1080p video in multiple, individually configurable H.264 and Motion JPEG video streams. AXIS Q1765-LE PT Mount supports wide dynamic range (WDR), Axis' unique Corridor Format and Axis' OptimizedIR with four highly power-efficient, auto-adjusting LEDs. 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. It has a serial port for RS422/485 communication with pan-tilt motors that support Pelco D protocol.

- > [18x optical zoom and autofocus](#)
- > [OptimizedIR](#)
- > [HDTV 1080p and H.264](#)
- > [Axis' unique Corridor Format](#)
- > [Slim, bullet-style design](#)



# AXIS Q1765-LE PT Mount Network Camera

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|--|---|--|---|
| <b>Camera</b>                            |   | <b>Casing</b>  | IP66- and NEMA 4X-rated, impact-resistant aluminum enclosure with integrated dehumidifying membrane<br>Color: White NCS S 1002-B  |
| <b>Image sensor</b>                      | Progressive scan RGB CMOS 1/2.9"  | <b>Memory</b>  | 256 MB RAM, 128 MB Flash  |
| <b>Lens</b>                              | 4.7–84.6 mm, F1.6–2.8<br>Autofocus, Automatic day/night<br>Horizontal angle of view: 59°–4°   | <b>Power</b>   | Power over Ethernet IEEE 802.3af, max 12.95 W<br>8–28 V DC max 15.2 W<br>20–24 V AC max 22.0 VA   |
| <b>Day and night</b>                     | Automatically removable infrared-cut filter in day mode and infrared-pass filter 720 nm in night mode   | <b>Connectors</b>  | RJ45 10BASE-T/100BASE-TX PoE<br>DC Power connector<br>RS485/RS422, 2 pcs, 2 pos, Full duplex, Terminal block  |
| <b>Minimum illumination</b>              | Color: 0.5 lux at 30 IRE F1.6<br>B/W: 0.04 lux at 30 IRE F1.6, 0 lux with IR illumination on  | <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>Shutter time</b>                      | 1/28000 s to 2 s  | <b>Storage</b>   | Support for microSD/microSDHC/microSDXC card<br>Support for recording to dedicated network-attached storage (NAS)<br>For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>   |
| <b>Video</b>                             |   | <b>Operating conditions</b>  | –40 °C to 50 °C (–40 °F to 122 °F)<br>Humidity 10–100% RH (condensing)  |
| <b>Video compression</b>                 | H.264 (MPEG-4 Part 10/AVC) Mainline and Baseline Profiles<br>Motion JPEG  | <b>Storage conditions</b>  | –40 °C to 65 °C (–40 °F to 149 °F)  |
| <b>Resolutions</b>                       | 1920x1080 to 160x90   | <b>Approvals</b>   | EN 50121-4, EN 55024, EN 61000-3-2, EN 61000-3-3,<br>EN 61000-6-1, EN 61000-6-2, EN/IEC/UL 60950-22,<br>EN/IEC 62471 risk group 1<br>EN 55022 Class A, RCM AS/NZS CISPR 22 Class A,<br>FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A,<br>KCC KN22 Class A, KN24 |
| <b>Frame rate</b>                        | Up to 25/30 fps (50/60 Hz) in all resolutions   | <b>Dimensions</b>  | 112 x 105 x 309 mm (4 7/16 x 4 1/8 x 12 3/16 in)  |
| <b>Video streaming</b>                   | Multiple, individually configurable streams in H.264 and Motion JPEG<br>Controllable frame rate and bandwidth<br>VBR/CBR H.264  | <b>Weight</b>  | 1.5 kg (3.3 lb)   |
| <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<br>WDR-Dynamic Contrast   | <b>Included accessories</b>  | Connector kit, Installation Guide, Recording software and User's Manual, Windows decoder 1-user license, Allen key<br>AXIS Connector A<br>AXIS Q1765-LE Front Kit<br>AXIS Sunshield C   |
| <b>Pan/Tilt/Zoom</b>                     | 18x optical zoom and 12x digital zoom, Preset positions   | <b>Optional accessories</b>  | AXIS T8604 Media Converter Switch<br>AXIS T91A21 stand<br>AXIS T91B21 stand<br>YP3040 Pan-Tilt Motor<br>YP3040 Wall Bracket   |
| <b>Network</b>                           |   | <b>Video management software</b>   | AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/techsup/software">www.axis.com/techsup/software</a>   |
| <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>Languages</b>   | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Traditional Chinese, Japanese, Korean, Portuguese   |
| <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>Warranty</b>  | Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>  |
| <b>System integration</b>                |   | a. <i>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<a href="http://www.openssl.org">www.openssl.org</a>), and cryptographic software written by Eric Young (<a href="mailto:ey@cryptsoft.com">ey@cryptsoft.com</a>).</i> |   |
| <b>Application Programming Interface</b> | Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform, specifications at <a href="http://www.axis.com">www.axis.com</a><br>AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a> | <b>Environmental responsibility:</b><br><a href="http://www.axis.com/environmental-responsibility">www.axis.com/environmental-responsibility</a>   |   |
| <b>Analytics</b>                         | Video motion detection, Gatekeeper, Active tampering alarm<br>Support for AXIS Camera Application Platform enabling installation of AXIS Video Motion Detection 3, AXIS Cross Line Detection and third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>                                 |  |   |
| <b>Event triggers</b>                    | Analytics, Edge storage events  |  |   |
| <b>Event actions</b>                     | File upload: FTP, SFTP, HTTP, HTTPS, network share and email<br>Notification: email, HTTP, HTTPS, TCP and SNMP trap<br>Video recording to edge storage<br>Pre- and post-alarm video buffering   |  |   |
| <b>Data streaming</b>                    | Event data  |  |   |
| <b>Built-in installation aids</b>        | Pixel counter   |  |   |
| <b>General</b>                           |   |  |   |