

AXIS Q8665-LE PTZ Network Camera

Look quickly through a clean window and with IR illumination

AXIS Q8665-LE offers a quick pan and tilt feature with integrated powerful IR illuminators, providing up to 150 meters/164 yards range in complete darkness. It tilts upwards 40° and can be mounted on top of columns, enabling 360° field of view without anything interfering the line of sight. Compliant with IP66 and NEMA 4X for protection against dust, rain and snow. Equipped with a wiper to remove excess water or rain. In places with high risk for dust, salt, sand and emission of soot from vehicles, an accessory washer can be purchased to spray cleaning fluid to secure clean windows.

- > **Infrared illumination**
- > **Continuous pan, 360° endless**
- > **18x optical zoom in HDTV 1080p**
- > **Water and dust resistant**
- > **-40 °C to 55 °C (-40 °F to 131 °F)**



AXIS Q8665-LE PTZ Network Camera

Models	AXIS Q8665-LE 24 V AC AXIS Q8665-LE 100 V AC AXIS Q8665-LE 120 V AC AXIS Q8665-LE 230 V AC
Camera	
Image sensor	1/2.9" progressive scan RGB CMOS
Lens	4.7 - 84.6 mm, 59 - 4° view ^a , F1.6 - 2.8, Autofocus, Automatic day/night
Day and night	Automatic switching from infrared-cut filter to infrared pass filter in night mode
Light sensitivity	Color: 0.5 lux at 30 IRE F1.6 B/W: 0 lux with built-in IR illumination
Shutter time	1/28000 s to 2 s
Pan/Tilt/Zoom	18x optical zoom and 12x digital zoom Preset positions, Guard tour, Driver selection, Control queue Pan: Continuous Tilt: +90° to -40° Pan speed: 0.02°/s to 40°/s Tilt speed: 0.02°/s to 30°/s Preset accuracy: 0.02°
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC), H.264 Main and Baseline Profile, Motion JPEG
Resolutions	1920x1080 (HDTV 1080p) to 320x180
Frame rate	Up to 25/30 fps (50/60 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, WDR-Dynamic Contrast, Fine tuning of behavior at low light, Rotation, Text and image overlay, Day/night shift level
Network	
Security	Password protection, IP address filtering, HTTPS ^b encryption, IEEE 802.1X ^b network access control, Digest authentication, User access log
Supported protocols	IPv4/v6, HTTP, HTTPS ^b , SSL/TLS ^b , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH
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
Analytics	Video motion detection, Active tampering alarm, Support for AXIS Camera Application Platform enabling installation of AXIS Video Motion Detection 3.1 and third-party applications, see www.axis.com/acap
Event triggers	Analytics, Edge storage events
Event actions	File upload: FTP, HTTP, HTTPS, network share and email Notification: email, HTTP, HTTPS and TCP Video recording to edge storage, Pre- and post-alarm video buffering, Overlay text, Day/Night vision mode
Data streaming	Event data
Built-in installation aids	Pixel counter
General	
Casing	IP66- and NEMA 4X-rated metal casing (aluminum) and ABS Color: RAL 9002 Wiper included
Memory	256 MB RAM, 128 MB Flash
Power	Input voltage to base unit: 24 V AC, 8 A Input voltage to Light Sensor Box: 100 V AC, 120 V AC, 230 V AC: IR inactive: Max: 55 W Typical: 40 W IR active: Max: 115 W Typical: 94 W
Connectors	RJ45 10BASE-T/100BASE-TX Network connector Terminal blocks: Power connector CN1, Signal connector REL1 in CN4
IR illumination	Illumination angle: 2 x 30° Power: 60 W Wavelength: 850 nm Manually adjustable light intensity, Adjustable light sensor threshold
Edge storage	SD card slot supporting microSD/microSDHC/microSDXC cards (card not included). Support for recording to dedicated network-attached storage (NAS). For microSD card and NAS recommendations, see http://www.axis.com
Operating conditions	-40 °C to 55 °C (-40 °F to 131 °F) Humidity 10 - 100% RH (condensing) Arctic Temperature Control enables camera start-up at temperatures as low as -40 °C/°F
Approvals	EMC EN 55022 Class A, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, VCCI Class A ITE, ICES-003 Class A, C-tick AS/NZS CISPR 22 Class A, EN 50121-4 120 V AC and 230 V AC: KCC KN22 Class A, KN24 Environment IEC/EN 60529 IP66, NEMA 250 4x Safety IEC/EN 60950-1, IEC/EN 60950-22 24 V AC and 120 V AC: UL 60950-1, UL 60950-22
Dimensions	496 x 584 x 463 mm (19.5 x 23 x 18.2 in)
Weight	21.5 kg (47.4 lb)
Included accessories	Installation Guide, Sunshield, AXIS Video Motion Detection 3.1, two IR illuminators with mounting bracket, Light sensor box pre-mounted with 10 m (33 ft) cables for connection to main unit (protected with conduit) (not included with 24 V model)
Required hardware	AXIS Wall Bracket K or AXIS Column Bracket K
Optional accessories	AXIS Washer Kit A, AXIS T95A64 Corner Bracket, AXIS T95A67 Pole Bracket, AXIS T98A15-VE Media Converter Cabinet A
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
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty

- a. Horizontal angle of view
b. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).

More information is available at www.axis.com