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	Varifocal, 4.7–84.6 mm, F1.6 - 2.8 Horizontal field of view: 59°-4° Vertical field of view: 35°-2° Diagonal field of view: 68°-4° Autofocus, automatic day/night
Day and night	Automatic switching from infrared-cut filter to infrared pass filter in night mode
Minimum illumination	**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	Pan: 360° endless, 0.02°/s to 40°/s Tilt: -90° to +40°, 0.02°/s to 30°/s Zoom: 18x optical zoom, 12x digital zoom Preset accuracy: 0.02° Preset positions, guard tour, driver selection, control queue

Video

Video compression	H.264 (MPEG-4 Part 10/AVC), H.264 Main and Baseline Profiles Motion JPEG
Resolution	1920x1080 HDTV 1080p to 160×90
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/MBR H.264
Image settings	Manual shutter time, compression, color, brightness, sharpness, white balance, exposure control, exposure zones, WDR – dynamic contrast, backlight compensation, fine tuning of behavior at low light, rotation, text and image overlay, day/night shift level

Network

Security	Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X[a] network access control, digest authentication, user access log, centralized certificate management
Supported protocols	IPv4/v6, HTTP, HTTPS[a], SSL/TLS[a], QoS Layer 3 DiffServ, FTP, SFTP, 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 Connection ONVIF® Profile S and ONVIF® Profile G, specification at *www.onvif.org*
Analytics	AXIS Video Motion Detection, active tampering alarm, gatekeeper Support for AXIS Camera Application Platform enabling installation of third-party applications, see *www.axis.com/acap*
Event triggers	Analytics, edge storage events
Event actions	Day/night mode, overlay text, video recording to edge storage, pre- and post-alarm video buffering File upload via FTP, SFTP, HTTP, HTTPS, network share and email Notification via email, HTTP, HTTPS and TCP
Data streaming	Event data
Built–in installation aids	Pixel counter

General

Casing	IP66- and NEMA 4X-rated aluminum casing and ABS Color: RAL 9002 Wiper included
Memory	256 MB RAM, 128 MB Flash
Power	Input voltage to base unit: 24 V AC Input voltage to Light Sensor Box: 100 V AC, 120 V AC, 230 V AC Typical: 40 W (without illumination), 94 W (with illumination) Max: 55 W (without illumination), 115 W (with illumination)
Connectors	RJ45 10BASE-T/100BASE-TX network connector 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
Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see *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
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °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 1/2 x 23 x 18 1/4 in)
Weight	21.5 kg (47.4 lb)
Included accessories	Installation Guide AXIS PT IR Illuminator Kit B AXIS Q8665-LE Light Sensor Box (not included with AXIS Q8665-LE 24 V AC)
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 For more accessories, see *www.axis.com*
Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on *www.axis.com/vms*
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see *www.axis.com/warranty*

a. *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 (eay@cryptsoft.com).*

Environmental responsibility:

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