XP40-Q1765 Explosion Protected PTZ Network Camera

Network 1080p PTZ camera suitable for hazardous areas

XP40-Q1765 Explosion Protected PTZ Network Camera is suitable for onshore, offshore, marine and heavy industrial environments. It features a 316L stainless steel housing certified for hazardous areas according to for example ATEX and IECEx. The housing prevents any inside sparks or explosions from escaping and igniting gases or dust in the surrounding air. XP40-Q1765 provides superb image quality and color fidelity and a high level of flexible integration with other equipment, such as access control and fire alarms. It offers flexible remote accessibility using any existing IP-based networks. XP40-Q1765 for hazardous areas is a complement to Axis' wide range of network cameras that can be used in safe areas.

> **IP66- and IP67-rated**

> **Wide temperature ranges**

> **Full HDTV 1080p resolution**

> **Continuous 360° pan, ±90° tilt**

> **18x zoom and autofocus**

XP40-Q1765 Explosion Protected PTZ Network Camera

Models	XP40-Q1765 XP40-Q1765 -60C Both models are available in different versions depending on the regional requirements for hazardous equipment certification
Certification part number	1410-25/2420-01

Camera

Image sensor	Progressive scan RGB CMOS 1/2.9"
Lens	4.7–84.6 mm, F1.6–2.8 Horizontal angle of view 59°–4° Vertical angle of view 35°–2° Autofocus
Day and night	Automatically removable infrared-cut filter
Minimum illumination	**Color:** 0.5 lux at 30 IRE F1.6 **B/W:** 0.04 lux at 30 IRE F1.6
Shutter time	1/28000 s to 2 s
Pan/Tilt/Zoom	Pan: 360° endless , 0.1 – 45°/s Tilt: ±90°, 0.1 – 24°/s 18x optical zoom and 12x digital zoom, total 216x zoom 64 preset positions, preset accuracy +/-0.1°, Guard Tour, Driver selection, Control queue

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, and Main profiles Motion JPEG
Resolutions	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, 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[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, 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, 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, AXIS Cross Line Detection, AXIS Digital Autotracking 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 and SNMP trap Video recording to edge storage Pre- and post-alarm video buffering Status LED indicator PTZ preset, Overlay text Day/Night vision mode
Data streaming	Event data
Built–in installation aids	Pixel counter

General

Casing	IP66–, IP67– and IK10– rated Electro-polished SAE 316L stainless steel casing for maximum corrosion protection IK08 glass protective window
Memory	256 MB RAM, 128 MB Flash
Power	24 V AC **XP40-Q1765:** Max consumption: 100 W **XP40-Q1765 -60C:** Max consumption: 100 W
Storage	Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
Operating conditions	**XP40-Q1765:** -40 °C to +60 °C (-40 °F to 140 °F) **XP40-Q1765 -60C:** -60 °C to +40 °C (-76 °F to 104 °F) Humidity 10–100% RH (condensing)
Approvals	EMC EN 55022 Class A, EN 55024 Class A, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, RCM AS/NZS CISPR 22 Class A Safety EN/UL/CSA 60065 Environment IEC/EN 60529 IP66, IEC/EN 62262 IK10 body, IK08 glass Explosion IEC/EN/UL/SANS/CSA 60079-0, IEC/EN/UL/SANS/CSA 60079-1, UL1203 CSA C22.2 No. 25 M 1966, CSA C22.2 No. 30 M 1986
Environment	**ATEX:** II 2 G Ex d op pr IIC T4 II 2 D Ex tb IIIC T135°C Db IP66/67 **IECEx:** Ex d IIC T4 -60°C ≤ Ta ≤ +60°C Gb Ex tb IIIC T135°C Db IP66/67 **Inmetro:** Ex d IIC T4 Gb -60°C ≤ Ta ≤ +60°C Gb Ex tb IIIC T135°C Db IP66/67 **LCus C1/Z1:** Class 1 Zone 1 AEx d IIC T4 Gb -60°C ≤ Ta ≤ +60°C **cLCus C1/D1:** Class I, Division 1, Groups B, C, D, -60°C ≤ Ta ≤ +60°C / Class II, Division 1, Groups E, F, G, IP66/IP67 **cLC CSA:** Ex d IIC T4 -60°C ≤ Ta ≤ +60°C **EAC:** Ex d IIC -60°C ≤ Ta ≤ +60°C Gb Ex tb IIIC T135°C Db, IP66/67 **CCOE:** Ex d IIC -60°C ≤ Ta ≤ +60°C Gb Ex tb IIIC T135°C Db, IP66/67 **CNEX:** Ex d IIC T4 Gb Ex tb IIIC 135°C Db, IP66/67 **Certex:** II 2 G Ex d op pr IIC T4 II 2 D Ex tb IIIC T135°C Db IP66/67
Dimensions	475 x 512 x 480 mm (18 11/16 x 20 3/16 x 18 7/8 in)
Weight	50 kg (110 lb)
Included accessories	Sunshield, installation guide, Windows decoder 1-user license, AXIS Surveillance microSDXC™ Card 64 GB
Optional accessories	Washer tank pressurized, power supply cabinet, explosion protected cables in various lengths, mounting accessories For more accessories, see www.axis.com
Video management software	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
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:

www.axis.com/environmental–responsibility

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