

XF40-Q1765 Explosion-Protected Network Camera

Fixed camera for hazardous areas

XF40-Q1765 Explosion-Protected 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, IECEx and UL. The housing prevents any inside sparks or explosions from escaping and igniting vapors, gases, dust or fibers in the surrounding air. XF40-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.

- > **Stainless steel (SAE 316L) and impact resistance**
- > **Full HDTV 1080p resolution**
- > **18x zoom and autofocus**
- > **Wide temperature range**



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Models	XF40-Q1765 XF40-Q1765 -60 C XF40-Q1765 -50 C UL All models are available in different versions depending on the regional requirements for hazardous equipment certification.	Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Certification part code	XF40-Q1765/XF40-Q1765 -60 C: housing 1410-15-00 XF40-Q1765 -50 C UL: housing OXALIS-UL1410-15 All models supplied in 1410-series explosion-protected housing manufactured and certified by Eaton MEDC Ltd., UK.	Operating conditions XF40-Q1765: -40 °C to 70 °C (-40 °F to 158 °F) XF40-Q1765 -60 C: -60 °C to 40 °C (-76 °F to 104 °F) XF40-Q1765 -50 C UL: -50 °C to 70 °C (-58 °F to 158 °F) Humidity 10-100% RH (condensing)
Camera		Storage conditions -40 °C to 65 °C (-40 °F to 149 °F)
Image sensor	Progressive scan RGB CMOS 1/2.9"	Approvals EMC EN 55022 Class A, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), RCM AS/NZS CISPR 22 Class A Safety EN/UL/CSA 60065 Environment IEC/EN 60529 IP66, IP67, IP68, IEC/EN 62262 IK10 body, IK08 glass Explosion IEC/EN/SANS/ABNT NBR 60079-0, IEC/EN/SANS/ABNT NBR/GOST 60079-1, IEC/EN/SANS/ABNT NBR/GOST 60079-31, GOST 31610.0, GB3836.1, GB3836.2, CAN/CSA-C22.2 No. 60079-0, CAN/CSA-C22.2 No. 60079-1, CSA-C22.2 No. 60065-03, CAN/CSA C22.2 No. 25, CAN/CSA C22.2 No. 30-M, UL 1203 Network NIST SP500-267
Lens	4.7-84.6 mm, F1.6-2.8 Horizontal field of view 59°-4° Vertical field of view 35°-2° Autofocus	Certifications ATEX: II 2 G Ex db IIC T4 Gb -60°C ≤ Ta ≤ +70°C Gb, II 2 D Ex tb IIIC T135°C Db IP66/67, Certificate: ITS16ATEX101021X IECEx: Ex db IIC T4 -60°C ≤ Ta ≤ +70°C Gb, Ex tb IIIC T135°C Db IP66/67, Certificate: IECEx ITS 15.0068X Inmetro: IIC T4 Gb -60°C ≤ Ta ≤ +70°C Gb, IIIC T135°C Db IP66/67, Certificate: P400546/1 cLC CSA: Ex d IIC T4 -60°C ≤ Ta ≤ +60°C, Certificate: 11396-1S-CSA EAC: Ex db IIC T4 Gb -60°C ≤ Ta ≤ +70°C, Ex tb IIIC T135°C Db IP66/67, Certificate: TCRUCGB.ГБ04.В00587 CCOE: Ex db IIC T4 Gb -60°C ≤ Ta ≤ +70°C, Ex tb IIIC T135°C Db IP66/67, Certificate: P400546/1 CNEX: Ex db IIC T4 Gb -60°C ≤ Ta ≤ +70°C, Ex tb IIIC T135°C Db IP66/67, Certificate: 17.1245X IA: Ex db IIC T4 Gb -60°C ≤ Ta ≤ +70°C, Ex tb IIIC T135°C Db IP66/67, Certificate: S-XPL17.0244X KCC: Ex d IIC T4 -60°C ≤ Ta ≤ +70°C, Ex tD A21 T135°C IP66/67 -60°C to +65°C, Certificate: 17-GA4B0-0351X, 17-GA4B0-0352X UL: Class I, Division 1, Groups B, C, D, T4+ -50°C to +70°C (-58°F to +158°F), Class II, Division 1, Groups E, F, G, IP67, Class 1 Zone 1 A Ex d IIB + Hydrogen T4, Certificate: 20170721-E477542
Day and night	Automatically removable infrared-cut filter	Dimensions 165 x 176 x 480 mm (6 1/2 x 6 15/16 x 18 7/8 in)
Minimum illumination	Color: 0.5 lux at 30 IRE F1.6 B/W: 0.04 lux at 30 IRE F1.6	Weight 14 kg (31 lb)
Shutter speed	1/28000 s to 2 s	Included accessories Sunshield, installation guide, Windows decoder 1-user license, AXIS Surveillance microSDXC™ Card 64 GB
Pan/Tilt/Zoom	18x optical zoom and 12x digital zoom, total 216x zoom 64 preset positions	Optional accessories Ex Power Supply ATEX/IECEx Ex Washer Tank Pressurized ATEX/IECEx, Ex Power Supply UL, Ex Cable ATEX/IECEx/EAC in various lengths, wall and pole stainless steel mounts Not all accessories are available for all certifications. For more accessories, see axis.com
Video		Video management software AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on axis.com/techsup/software
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, and Main profiles Motion JPEG	Languages English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Resolution	1920x1080 HDTV 1080p to 160x90	Warranty 5-year warranty, see axis.com/warranty
Frame rate	Up to 30/25 fps (60/50 Hz) in all resolutions	General
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264	Casing IP66-, IP67-, and IP68-rated, electropolished SAE 316L stainless steel casing for maximum corrosion protection
Image settings	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	Memory 256 MB RAM, 128 MB Flash
Network		Power Max consumption, 24 V AC: 28 W
Security	Password protection, IP address filtering, HTTPS ^a encryption, Digest authentication, User access log, Centralized Certificate Management	Connectors XF40-Q1765 models: Three M20 conduit entries XF40-Q1765 UL models: Three 3/4" NPT conduit entries
Supported protocols	IPv4, IPv6 USGv6, 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, RTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	Storage Support for microSD/microSDHC/microSDXC card
System integration		
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Guardian with One-Click Connection ONVIF [®] Profile S and ONVIF [®] Profile G, specification at onvif.org	
Analytics	AXIS Video Motion Detection 4, active tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see 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, send SNMP trap 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	

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:

[axis.com/environmental-responsibility](#)