

XF60-Q1765 Explosion-Protected Network Camera

Fixed camera for hazardous areas

XF60-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 UL. The housing prevents any inside sparks or explosions from escaping and igniting vapors, gases, dust or fibers in the surrounding air. XF60-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**



XF60-Q.1765 Explosion-Protected Network Camera

Models	XF60-Q1765 -50 C 110 V UL		Notification via email, HTTP, HTTPS and TCP
Certification part code	OXALIS-UL2410-02	Data streaming	Event data
Camera		Built-in installation aids	Pixel counter
Image sensor	Progressive scan RGB CMOS 1/2.9"	General	
Lens	4.7–84.6 mm, F1.6–2.8 Horizontal field of view 59°–4° Vertical field of view 35°–2° Autofocus	Casing	IP66- and IP67-rated, electropolished SAE 316L stainless steel casing for maximum corrosion protection
Day and night	Automatically removable infrared-cut filter	Memory	256 MB RAM, 128 MB Flash
Minimum illumination	Color: 0.5 lux at 30 IRE F1.6 B/W: 0.04 lux at 30 IRE F1.6	Power	Max consumption, 110 V AC: 33 W
Shutter speed	1/28000 s to 2 s	Connectors	Three 3/4" NPT conduit entries
Pan/Tilt/Zoom	18x optical zoom and 12x digital zoom, total 216x zoom 64 preset positions	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 axis.com
Video		Operating conditions	-50 °C to 70 °C (-58 °F to 158 °F) Humidity 10–100% RH (condensing)
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, and Main profiles Motion JPEG	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Resolution	1920x1080 HDTV 1080p to 160x90	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, IEC/EN 62262 IK10 body, IK08 glass Network NIST SP500-267
Frame rate	Up to 30/25 fps (60/50 Hz) in all resolutions	Certifications	Class I, Division 1, Groups B, C, D, T4, Class II, Division 1, Groups E, F, G, Class III, Division 1, -50°C ≤ Ta ≤ +70°C
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264	Dimensions	165 x 176 x 720 mm (6 1/2 x 6 15/16 x 28 3/8 in)
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	Weight	21 kg (46 lb)
Network		Included accessories	Sunshield, installation guide, Windows decoder 1-user license, AXIS Surveillance microSDXC™ Card 64 GB
Security	Password protection, IP address filtering, HTTPS ^a encryption, Digest authentication, User access log, Centralized Certificate Management	Optional accessories	Wall and pole stainless steel mounts For more accessories, see axis.com
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, RTSP, RTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on axis.com/techsup/software
System integration		Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
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 One-click cloud connection ONVIF [®] Profile S and ONVIF [®] Profile G, specification at onvif.org	Warranty	5-year warranty, see axis.com/warranty
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	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 (ey@cryptsoft.com).	
Event triggers	Analytics, Edge storage events	Environmental responsibility: axis.com/environmental-responsibility	
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		