

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
Certification part code	OXALIS-UL2410-02
Camera	
Image sensor	Progressive scan RGB CMOS 1/2.9"
Lens	4.7–84.6 mm, F1.6–2.8 Horizontal field of view 59°–4° Vertical field 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	18x optical zoom and 12x digital zoom, total 216x zoom 64 preset positions
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, and Main profiles Motion JPEG
Resolution	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	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 ³ encryption, 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 TM , 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 4, active tampering alarm 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, 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
General	
Casing	IP66- and IP67-rated, electropolished SAE 316L stainless steel casing for maximum corrosion protection
Memory	256 MB RAM, 128 MB Flash
Power	Max consumption, 110 V AC: 33 W
Connectors	Three 3/4" NPT conduit entries
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	-50 °C to 70 °C (-58 °F to 158 °F) Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
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, IP67, IEC/EN 62262 IK10 body, IK08 glass
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
Dimensions	165 x 176 x 720 mm (6 1/2 x 6 15/16 x 28 3/8 in)
Weight	21 kg (46 lb)
Included accessories	Sunshield, installation guide, Windows decoder 1-user license, AXIS Surveillance microSDXC [™] Card 64 GB
Optional accessories	Wall and pole stainless steel mounts 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/techsup/software
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	Axis 3-year warranty, 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 (ey@cryptsoft.com).

Environmental responsibility:
www.axis.com/environmental-responsibility