

# 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**



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|--|---|--|--|
| <b>Models</b>                            | XP40-Q1765<br>XP40-Q1765 -60C<br>Both models are available in different versions depending on the regional requirements for hazardous equipment certification   | <b>Data streaming</b>  | Event data   |
| <b>Certification part number</b>         | 1410-25/2420-01   | <b>Built-in installation aids</b>  | Pixel counter  |
| <b>Camera</b>                            |   |  |  |
| <b>Image sensor</b>                      | Progressive scan RGB CMOS 1/2.9"  | <b>General</b>   |  |
| <b>Lens</b>                              | 4.7–84.6 mm, F1.6–2.8<br>Horizontal angle of view 59°–4°<br>Vertical angle of view 35°–2°<br>Autofocus  | <b>Casing</b>  | IP66–, IP67– and IK10– rated Electro-polished SAE 316L stainless steel casing for maximum corrosion protection<br>IK08 glass protective window   |
| <b>Day and night</b>                     | Automatically removable infrared-cut filter   | <b>Memory</b>  | 256 MB RAM, 128 MB Flash   |
| <b>Minimum illumination</b>              | Color: 0.5 lux at 30 IRE F1.6<br>B/W: 0.04 lux at 30 IRE F1.6   | <b>Power</b>   | 24 V AC<br>XP40-Q1765: Max consumption: 100 W<br>XP40-Q1765 -60C: Max consumption: 100 W   |
| <b>Shutter time</b>                      | 1/28000 s to 2 s  | <b>Storage</b>   | Support for microSD/microSDHC/microSDXC card<br>Support for recording to dedicated network-attached storage (NAS)<br>For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>  |
| <b>Pan/Tilt/Zoom</b>                     | Pan: 360° endless , 0.1 – 45°/s<br>Tilt: ±90°, 0.1 – 24°/s<br>18x optical zoom and 12x digital zoom, total 216x zoom<br>64 preset positions, preset accuracy +/-0.1°, Guard Tour, Driver selection, Control queue   | <b>Operating conditions</b>  | XP40-Q1765: -40 °C to +60 °C (-40 °F to 140 °F)<br>XP40-Q1765 -60C: -60 °C to +40 °C (-76 °F to 104 °F)<br>Humidity 10–100% RH (condensing)  |
| <b>Video</b>                             |   |  |  |
| <b>Video compression</b>                 | H.264 (MPEG-4 Part 10/AVC) Baseline, and Main profiles<br>Motion JPEG   | <b>Approvals</b>   | EMC<br>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<br>Safety<br>EN/UL/CSA 60065<br>Environment<br>IEC/EN 60529 IP66, IEC/EN 62262 IK10 body, IK08 glass<br>Explosion<br>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   |
| <b>Resolutions</b>                       | 1920x1080 HDTV 1080p to 160x90  | <b>Environment</b>   | ATEX: II 2 G Ex d op pr IIC T4 II 2 D Ex tb IIIC T135°C Db IP66/67<br>IECEx: Ex d IIC T4 -60°C ≤ Ta ≤ +60°C Gb Ex tb IIIC T135°C Db IP66/67<br>Inmetro: Ex d IIC T4 -60°C ≤ Ta ≤ +60°C Gb Ex tb IIIC T135°C Db IP66/67<br>LCus C1/Z1: Class 1 Zone 1 AEx d IIC T4 Gb -60°C ≤ Ta ≤ +60°C<br>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<br>cLC CSA: Ex d IIC T4 -60°C ≤ Ta ≤ +60°C<br>EAC: Ex d IIC -60°C ≤ Ta ≤ +60°C Gb Ex tb IIIC T135°C Db, IP66/67<br>CCOE: Ex d IIC -60°C ≤ Ta ≤ +60°C Gb Ex tb IIIC T135°C Db, IP66/67<br>CNEX: Ex d IIC T4 Gb Ex tb IIIC 135°C Db, IP66/67<br>Certex: II 2 G Ex d op pr IIC T4 II 2 D Ex tb IIIC T135°C Db IP66/67 |
| <b>Frame rate</b>                        | Up to 30/25 fps (60/50 Hz) in all resolutions   | <b>Dimensions</b>  | 475 x 512 x 480 mm (18 11/16 x 20 3/16 x 18 7/8 in)  |
| <b>Video streaming</b>                   | Multiple, individually configurable streams in H.264 and Motion JPEG<br>Controllable frame rate and bandwidth<br>VBR/CBR H.264  | <b>Weight</b>  | 50 kg (110 lb)   |
| <b>Image settings</b>                    | 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  | <b>Included accessories</b>  | Sunshield, installation guide, Windows decoder 1-user license, AXIS Surveillance microSDXC™ Card 64 GB   |
| <b>Network</b>                           |   |  |  |
| <b>Security</b>                          | Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log, Centralized Certificate Management   | <b>Optional accessories</b>  | Washer tank pressurized, power supply cabinet, explosion protected cables in various lengths, mounting accessories<br>For more accessories, see <a href="http://www.axis.com">www.axis.com</a>   |
| <b>Supported protocols</b>               | IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , 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   | <b>Video management software</b>   | AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/techsup/Software">www.axis.com/techsup/Software</a>  |
| <b>System integration</b>                |   |  |  |
| <b>Application Programming Interface</b> | Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a><br>AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a> | <b>Languages</b>   | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese  |
| <b>Analytics</b>                         | Video motion detection, Active tampering alarm<br>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 <a href="http://www.axis.com/acpp">www.axis.com/acpp</a>                  | <b>Warranty</b>  | Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>   |
| <b>Event triggers</b>                    | Analytics, Edge storage events  | a. <i>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<a href="http://www.openssl.org">www.openssl.org</a>), and cryptographic software written by Eric Young (<a href="mailto:ey@cryptsoft.com">ey@cryptsoft.com</a>).</i> |  |
| <b>Event actions</b>                     | File upload: FTP, HTTP, HTTPS network share and email<br>Notification: email, HTTP, HTTPS and TCP and SNMP trap<br>Video recording to edge storage<br>Pre- and post-alarm video buffering<br>Status LED indicator<br>PTZ preset, Overlay text<br>Day/Night vision mode  | <b>Environmental responsibility:</b>   | <a href="http://www.axis.com/environmental-responsibility">www.axis.com/environmental-responsibility</a>   |