

# ExCam XPT Q6055

## Real-time monitoring in hazardous areas

ExCam XPT Q6055 Explosion-Protected PTZ Network Camera is an easy-to-install and easy-to-integrate dome-style camera. It delivers the sweeping overviews and superb zoomed-in detail you expect from a top-of-the-line PTZ camera from Axis, adapted for explosion-prone applications with ATEX, IECEx and EAC certifications. With low weight, PoE support for plug-and-play installation, and included AXIS T8154 60 W SFP Midspan for long-distance fiberoptic connection, ExCam XPT Q6055 offers significant savings. The camera is suitable for onshore, offshore, marine, and heavy industrial environments.

- > **Certified for use in hazardous locations**
- > **Cost-efficient installation with PoE**
- > **Low weight and profile for simple installation**
- > **No need for power supply**
- > **Full HDTV 1080p with 32x optical zoom**



# ExCam XPT Q6055

<b>Camera</b>		Overlay text, day/night mode
<b>Image sensor</b>	1/2.8" progressive scan RGB CMOS	<b>Data streaming</b> Event data
<b>Lens</b>	4.44–142.6 mm, F1.6–4.41, autofocus, auto-iris Horizontal field of view: 62.8°–2.23° Vertical field of view: 36.8°–1.3°	<b>Built-in installation aids</b> Pixel counter
<b>Day and night</b>	Automatically removable infrared-cut filter	<b>General</b>
<b>Minimum illumination</b>	Color: 0.3 lux at 30 IRE F1.6, 0.5 lux at 50 IRE F1.6 B/W: 0.03 lux at 30 IRE F1.6, 0.04 lux at 50 IRE F1.6	<b>Casing</b> IP66- and IP68-rated, AISI 316L/1.4404 stainless steel casing for maximum corrosion protection <sup>b</sup>
<b>Shutter time</b>	1/33000 s to 1/3 s with 50 Hz 1/33000 s to 1/4 s with 60 Hz	<b>Memory</b> 512 MB RAM, 128 MB Flash
<b>Pan/Tilt/Zoom</b>	Pan: 360° endless, 0.05°–400°/s, Tilt: 180°, 0.05°–450°/s 32x optical zoom and 12x digital zoom, total 384x zoom E-flip, 256 preset positions, Tour recording, Guard tour, Control queue, On-screen directional indicator, Set new pan 0°, Adjustable zoom speed	<b>Power</b> AXIS T8154 60 W SFP Midspan: 100–240 V AC, max 74 W Camera consumption: typical 13 W, max 60 W
<b>Video</b>		<b>Connectors</b> EXTB-3 Junction Box ExCam: 10 terminal clamps UT 2.5 2 conductor terminal USLKG 5. 3 3 M20 cable entries
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	<b>Storage</b> Support for SD/SDHC/SDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>
<b>Resolution</b>	HDTV 1080p 1920x1080 to 320x180 HDTV 720p 1280x720 to 320x180	<b>Operating conditions</b> Safe area operating temperature: -50 °C to 50 °C (-58 °F to 122 °F) Arctic Temperature Control: Start-up at -40 °C (-40 °F) Hazardous location operating temperature: -50 °C to 60 °C (-58 °F to 140 °F) Humidity 10–100% RH (condensing)
<b>Frame rate</b>	Up to 60/50 fps (60/50 Hz) in HDTV 720p Up to 30/25 fps (60/50 Hz) in HDTV 1080p	<b>Storage conditions</b> -40 °C to 65 °C (-40 °F to 149 °F)
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264	<b>Approvals</b> EMC: EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11, EN 61000-6-2, EN 62479 Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR Explosion: EN/IEC 60079-0:2012, EN/IEC 60079-1:2007, EN/IEC 60079-31:2009, TR CU 012/2011, GOST R IEC 60079-0-2011, GOST R IEC 60079-1-2011, GOST R IEC 60079-31-2010
<b>Image settings</b>	Manual shutter time, compression, color, brightness, sharpness, white balance, exposure control, exposure zones, fine tuning of behavior at low light, rotation: 0°, 180°, text and image overlay, 32 individual 3D privacy masks, image freeze on PTZ, automatic defog, backlight compensation, Wide Dynamic Range (WDR): Up to 120 dB depending on scene, highlight compensation	<b>Certifications</b> ATEX: II 2G Ex d IIC T6 Gb, II 2D Ex tb IIIC T80°C Db IP68 TUV 14 ATEX 7539X IECEX: Ex d IIC T6 Gb, Ex tb IIIC T80°C Db IP68 IECEX TUR 14.0026X EAC Ex: Ex d IIC T6 Gb, Ex tb IIIC T80°C Db IP68 TC RU C-DE.MIO62.B.01921
<b>Network</b>		<b>Dimensions</b> Height: 378 mm (14 7/8 in), ø 195 mm (7 11/16 in)
<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>Weight</b> 17 kg (38 lb)
<b>Supported protocols</b>	IPv4/IPv6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>a</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP, LLDP	<b>Included accessories</b> Pre-connected 5 m (16 ft) ASKDP03-T Armoured Cable ExCam, AXIS T8154 60 W SFP Midspan, EXTB-3 Junction Box ExCam, AXIS Surveillance Card 64 GB, Installation guide, Windows <sup>®</sup> decoder 1-user license
<b>System integration</b>		<b>Optional accessories</b> Wall mount ExCam XPT, Pole mount ExCam XPT Ex Connection Rail 4-port PoE PS24 Ex Connection Rail 8-port PoE PS24 SKDP03-T Cables ExCam 10 m (33 ft), 25 m (82 ft), 95 m (312 ft) ASKDP03-T Armoured Cable ExCam 10 m (33 ft), 25 m (82 ft), 95 m (312 ft)
<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> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF <sup>®</sup> Profile S and ONVIF <sup>®</sup> Profile G, specification at <a href="http://onvif.org">onvif.org</a>	<b>Video management software</b> AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available on <a href="http://www.axis.com/vms">www.axis.com/vms</a>
<b>Analytics</b>	<b>Included:</b> AXIS Video Motion Detection, autotracking, Active Gatekeeper, highlight compensation Basic Analytics (not to be compared with third-party analytics): Object removed, Enter/Exit detector, Fence detector, Object counter Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>	<b>Languages</b> English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>Event triggers</b>	<b>Detectors:</b> live stream accessed, video motion detection, shock detection <b>Hardware:</b> fan, network, temperature, casing open <b>Input signal:</b> manual trigger, virtual inputs <b>PTZ:</b> autotracking, error, moving, preset reached, ready <b>Storage:</b> disruption, recording <b>System:</b> system ready <b>Time:</b> recurrence, use schedule	<b>Warranty</b> Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://axis.com/warranty">axis.com/warranty</a>
<b>Event actions</b>	<b>Record video:</b> SD card and network share <b>Upload of images or video clips:</b> FTP, SFTP, HTTP, HTTPS, network share and email <b>Pre- and post-alarm video or image buffering for recording or upload</b> <b>Notification:</b> email, HTTP, HTTPS, TCP and SNMP trap <b>PTZ:</b> PTZ preset, start/stop guard tour	

- a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([openssl.org](http://openssl.org)), and cryptographic software written by Eric Young ([eyay@cryptsoft.com](mailto:eyay@cryptsoft.com)).  
b. The camera has been developed in cooperation with SAMCON Prozessleittechnik GmbH

Environmental responsibility:

[www.axis.com/environmental-responsibility](http://www.axis.com/environmental-responsibility)