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 ATEX IECEx EAC, Zone 1, 2, 21, 22, IIC, IIIC

> Cost-efficient installation with PoE

> Low weight and profile for simple installation

> No need for power supply

> Full HDTV 1080p with 32x optical zoom

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Camera

Image sensor	1/2.8" progressive scan RGB CMOS
Lens	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°
Day and night	Automatically removable infrared-cut filter
Minimum illumination	**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
Shutter time	1/33000 s to 1/3 s with 50 Hz 1/33000 s to 1/4 s with 60 Hz
Pan/Tilt/Zoom	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

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	HDTV 1080p 1920x1080 to 320x180 HDTV 720p 1280x720 to 320x180
Frame rate	Up to 60/50 fps (60/50 Hz) in HDTV 720p Up to 30/25 fps (60/50 Hz) in HDTV 1080p
Video streaming	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
Image settings	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

Network

Security	Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X[a] network access control, 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®, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP, LLDP

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 *onvif.org*
Analytics	**Included:** 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 *www.axis.com/acap*
Event triggers	Detectors: live stream accessed, video motion detection, shock detection Hardware: fan, network, temperature, casing open Input signal: manual trigger, virtual inputs PTZ: autotracking, error, moving, preset reached, ready Storage: disruption, recording System: system ready Time: recurrence, use schedule
Event actions	Record video: SD card and network share Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email Pre- and post-alarm video or image buffering for recording or upload Notification: email, HTTP, HTTPS, TCP and SNMP trap
	PTZ: PTZ preset, start/stop guard tour Overlay text, day/night mode
Data streaming	Event data
Built-in installation aids	Pixel counter

General

Casing	IP66- and IP68-rated, AISI 316L/1.4404 stainless steel casing for maximum corrosion protection[b]
Memory	512 MB RAM, 128 MB Flash
Power	AXIS T8154 60 W SFP Midspan: 100–240 V AC, max 74 W Camera consumption: typical 13 W, max 60 W
Connectors	**EXTB-3 Junction Box ExCam:** 10 terminal clamps UT 2.5 2 conductor terminal USLKG 5. 3 3 M20 cable entries
Storage	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 *www.axis.com*
Operating conditions	–50 °C to 50 °C (–58 °F to 122 °F) (Intermittent up to 60 °C/140 °F) Humidity 10–100% RH (condensing)
Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F)
Approvals	**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
Certifications	**ATEX:** II 2G Ex d IIC T6 Gb, II 2D Ex tb IIIC T80°C Db IP68 TÜV 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
Dimensions	Height: 378 mm (14 7/8 in), ø 195 mm (7 11/16 in)
Weight	17 kg (38 lb)
Included accessories	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® decoder 1-user license
Optional accessories	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)
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available on *www.axis.com/vms*
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see *axis.com/warranty*

a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*
b. *The camera has been developed in cooperation with SAMCON Prozessleittechnik GmbH*

Environmental responsibility:

www.axis.com/environmental-responsibility

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