D201-S XPT Q6055

Real-time monitoring in hazardous areas

D201-S 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, but is also adapted for explosion-prone applications with Class I, Division 1 and Zone 1 certification. With low weight, PoE support for plug and play installation, and included AXIS T8154 60 W SFP Midspan for long-distance fiber-optic connection, D201-S XPT Q6055 offers significant savings. The camera is suitable for onshore, offshore, marine, and heavy industrial environments where you don't need to see above the horizon.

- 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

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Camera

Image sensor	1/2.8" progressive scan RGB CMOS
Lens	4.44–142.6 mm, F1.6–4.41 Horizontal field of view: 62.8°–2.23° Vertical field of view: 36.8°–1.3° Autofocus, auto-iris
Day and night	Automatically removable infrared-cut filter
Minimum illumination	**Color:** 0.3 lux at 30 IRE F1.6 **B/W:** 0.03 lux at 30 IRE F1.6 **Color:** 0.5 lux at 50 IRE F1.6 **B/W:** 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°–450°/s Tilt: 220°, 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 in 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-rated, electropolished SAE 316L stainless steel casing for maximum corrosion protection Prepared for American Petroleum Institute (API) DROP compliance, with additional safety wire for US offshore installations[b] US Patent 9917428
Memory	512 MB RAM, 128 MB Flash
Power	AXIS T8154 60 W SFP Midspan: 100–240 V AC, max 74 W Camera consumption: typical 16 W, max 60 W
Connectors	8-position terminal block for PoE + ground, two M20 conduit 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	**Safe area operating temperature:** -50 °C to 50 °C (-58 °F to 122 °F) **Arctic Temperature Control:** Start-up at -40 °C (-40 °F) **Maximum temperature (intermittent):** 60 °C (140 °F) **Hazardous location operating temperature:** -20 °C to 55 °C (-4 °F to 131 °F) Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Certifications	**Hazardous environment** FM listed Class I, Division 1, Groups B, C and D, T6 Class I, Zone 1, IIB + H2 T6, -20 °C ≤ Ta ≤ +55 °C Certificate number: FM17US0156 **Explosion** FM Class 3600:2011, FM Class 3615:2006, FM Class 3810:2005
Approvals	**EMC** EN 55022 Class A, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN 55024, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 22 Class A, KCC KN32 Class A, KN35 **Midspan** EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR
Dimensions	220 x 400 mm (8.60 x 15.82 in)
Weight	28 kg (61 lb)
Included accessories	AXIS T8154 60 W SFP Midspan, two Allen keys, AXIS Surveillance Card 64 GB, Installation guide, Windows® decoder 1-user license
Optional accessories	Wall Mount D201-S XPT, Pole Mount D201-S XPT
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, see *www.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 Spectrum Camera Solutions, LLC*

Environmental responsibility:

www.axis.com/environmental-responsibility

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