

D201-S XPT Q6055 Explosion-Protected PTZ Network Camera

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/II/III Division 1, and Zone 1/21 certifications. 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.

- > [Class I/II/III Division 1, and Zone 1/21](#)
- > [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 (EAP-TLS) ^a network access control, digest authentication, user access log, centralized certificate management
Supported protocols	IPv4/IPv6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP ^b , 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 axis.com AXIS Guardian 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 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 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)
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
Certifications	Hazardous environment USA and Canada Class I Division 1 Groups B, C, D T6, Type 4X, IP66 Class II/III Division 1 Groups E, F, G T6 Class I, Zone 1 AEx/Ex db IIB+H2 T6 Gb, Type 4X, IP66 Zone 21, AEx/Ex tb IIIC T85 °C Db, Type 4X, IP66 Ta = -20 °C to 55 °C FM Class 3600, FM Class 3615, FM Class 3616, ANSI/ISA/CAN/CSA-C22.2 60079-0, ANSI/UL/CAN/CSA-C22.2 60079-1, ANSI/ISA/CAN/CSA-C22.2 60079-31, ANSI/NEMA 250:2014, ANSI/IEC/CAN/CSA-C22.2 60529, C22.2 No. 0.4-17, CSA-C22.2 No. 94.2 Certificate number: FM17USO156X, FM18CA0103X ATEX II 2 G Ex db IIB+H2 T6 Gb, IP66 II 2 D Ex tb IIIC T85 °C Db, IP66 Ta = -20 °C to 55 °C EN 60079-0, EN 60079-1, EN 60079-31, EN 60529 Certificate number: FM18ATEX0057X IECEX Ex db IIB+H2 T6 Gb, IP66 Ex tb IIIC T85 °C Db, IP66 Ta = -20 °C to 55 °C IEC 60079-0, IEC 60079-1, IEC 60079-31, IEC 600529 Certificate number: FMG 18.0020X
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, Corner Mount D201-S XPT
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on axis.com/vms
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	Axis 3-year warranty, 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 Spectrum Camera Solutions, LLC*

Environmental responsibility:

axis.com/environmental-responsibility