

# 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](#)



# D201-S XPT Q6055 Explosion-Protected PTZ Network Camera

<b>Camera</b>		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
<b>Image sensor</b>	1/2.8" progressive scan RGB CMOS	
<b>Lens</b>	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	
<b>Day and night</b>	Automatically removable infrared-cut filter	
<b>Minimum illumination</b>	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	
<b>Shutter speed</b>	1/33000 s to 1/3 s with 50 Hz 1/33000 s to 1/4 s with 60 Hz	
<b>Pan/Tilt/Zoom</b>	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	
<b>Video</b>		
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	
<b>Resolution</b>	HDTV 1080p 1920x1080 to 320x180 HDTV 720p 1280x720 to 320x180	
<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>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>Image settings</b>	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	
<b>Network</b>		
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1x (EAP-TLS) <sup>a</sup> network access control, digest authentication, user access log, centralized certificate management	
<b>Supported protocols</b>	IPv4, IPv6 USGv6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>b</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP, LLDP	
<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://axis.com">axis.com</a> AXIS Guardian 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>Analytics</b>	<b>Included</b> AXIS Video Motion Detection, autotracking, Active Gatekeeper, highlight compensation <b>Basic Analytics</b> (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://axis.com/acap">axis.com/acap</a>	
<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>Event actions</b>	Record video: SD card and network share Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email	
<b>Data streaming</b>	Event data	
<b>Built-in installation aids</b>	Pixel counter	
<b>General</b>		
<b>Casing</b>	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 <sup>b</sup> US Patent 9917428	
<b>Memory</b>	512 MB RAM, 128 MB Flash	
<b>Power</b>	AXIS T8154 60 W SFP Midspan: 100–240 V AC, max 74 W Camera consumption: typical 16 W, max 60 W	
<b>Connectors</b>	8-position terminal block for PoE + ground, two M20 conduit entries	
<b>Storage</b>	Pre-installed AXIS Surveillance Card 64 GB Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://axis.com">axis.com</a>	
<b>Operating conditions</b>	<b>Safe area operating temperature:</b> -50 °C to 50 °C (-58 °F to 122 °F) <b>Arctic Temperature Control:</b> Start-up at -40 °C (-40 °F) <b>Maximum temperature (intermittent):</b> 60 °C (140 °F) <b>Hazardous location operating temperature:</b> -20 °C to 55 °C (-4 °F to 131 °F) Humidity 10–100% RH (condensing)	
<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F)	
<b>Approvals</b>	<b>EMC</b> 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 <b>Environment</b> IEC/EN 60529 IP66 <b>Network</b> NIST SP500-267 <b>Midspan</b> EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR	
<b>Certifications</b>	<b>Hazardous environment USA and Canada</b> 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: FM17US0156X, FM18CA0103X <b>ATEX</b> 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 600790-0, EN 60079-1, EN 60079-31, EN 60529 Certificate number: FM18ATEX0057X <b>IECEX</b> Ex db IIB+H2 T6 Gb, IP66 Ex tb IIIC T85 °C Db, IP66 Ta = -20 °C to 55 °C IEC 600790-0, IEC 60079-1, IEC 60079-31, IEC 600529 Certificate number: FMG 18.0020X	
<b>Dimensions</b>	220 x 400 mm (8.60 x 15.82 in)	

<b>Weight</b>	28 kg (61 lb)
<b>Included accessories</b>	AXIS T8154 60 W SFP Midspan, two Allen keys, AXIS Surveillance Card 64 GB, Installation guide, Windows® decoder 1-user license, M20x1.5 to 3/4" NPT thread adapter
<b>Optional accessories</b>	Wall Mount D101-A XF, Wall Mount D201-S XPT, Pole Mount D201-S XPT, Corner Mount D201-S XPT
<b>Video management software</b>	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on <a href="http://axis.com/vms">axis.com/vms</a>

**Languages** English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese

**Warranty** 5-year warranty, see [axis.com/warranty](http://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](http://axis.com/environmental-responsibility)