

## 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**



# D201-S XPT Q6055

| Camera                            |  |  |
|-----------------------------------|--|--|
| Image sensor                      | 1/2.8" progressive scan RGB CMOS   | Pre- and post-alarm video or image buffering for recording or upload   |
| Lens                              | 4.44–142.6 mm, F1.6–4.41<br>Horizontal field of view: 62.8°–2.23°<br>Vertical field of view: 36.8°–1.3°<br>Autofocus, auto-iris  | Notification: email, HTTP, HTTPS, TCP and SNMP trap<br>PTZ: PTZ preset, start/stop guard tour<br>Overlay text, day/night mode  |
| Day and night                     | Automatically removable infrared-cut filter  | <b>Data streaming</b> Event data   |
| Minimum illumination              | Color: 0.3 lux at 30 IRE F1.6<br>B/W: 0.03 lux at 30 IRE F1.6<br>Color: 0.5 lux at 50 IRE F1.6<br>B/W: 0.04 lux at 50 IRE F1.6   | <b>Built-in installation aids</b> Pixel counter  |
| Shutter time                      | 1/33000 s to 1/3 s with 50 Hz<br>1/33000 s to 1/4 s with 60 Hz   | <b>General</b>   |
| Pan/Tilt/Zoom                     | Pan: 360° endless, 0.05°–450°/s<br>Tilt: 220°, 0.05°–450°/s<br>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>Casing</b> IP66-rated, electropolished SAE 316L stainless steel casing for maximum corrosion protection<br>Prepared for American Petroleum Institute (API) DROP compliance, with additional safety wire for US offshore installations <sup>b</sup><br>US Patent 9917428   |
| <b>Video</b>                      |  | <b>Memory</b> 512 MB RAM, 128 MB Flash   |
| Video compression                 | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles<br>Motion JPEG   | <b>Power</b> AXIS T8154 60 W SFP Midspan: 100–240 V AC, max 74 W<br>Camera consumption: typical 16 W, max 60 W   |
| Resolution                        | HDTV 1080p 1920x1080 to 320x180<br>HDTV 720p 1280x720 to 320x180   | <b>Connectors</b> 8-position terminal block for PoE + ground, two M20 conduit entries  |
| Frame rate                        | Up to 60/50 fps (60/50 Hz) in HDTV 720p<br>Up to 30/25 fps (60/50 Hz) in HDTV 1080p  | <b>Storage</b> Support for SD/SDHC/SDXC card<br>Support for SD card encryption<br>Support for recording to network-attached storage (NAS)<br>For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>  |
| Video streaming                   | Multiple, individually configurable streams in H.264 and Motion JPEG<br>Axis Zipstream technology in H.264<br>Controllable frame rate and bandwidth<br>VBR/MBR H.264   | <b>Operating conditions</b> Safe area operating temperature: –50 °C to 50 °C (–58 °F to 122 °F)<br>Arctic Temperature Control: Start-up at –40 °C (–40 °F)<br>Maximum temperature (intermittent): 60 °C (140 °F)<br>Hazardous location operating temperature:<br>–20 °C to 55 °C (–4 °F to 131 °F)<br>Humidity 10–100% RH (condensing) |
| 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                       | <b>Storage conditions</b> –40 °C to 65 °C (–40 °F to 149 °F)   |
| <b>Network</b>                    |  | <b>Certifications</b> Hazardous environment<br>FM listed Class I, Division 1, Groups B, C and D, T6<br>Class I, Zone 1, IIB + H2 T6, –20 °C ≤ Ta ≤ +55 °C<br>Certificate number: FM17US0156<br>Explosion<br>FM Class 3600:2011, FM Class 3615:2006, FM Class 3810:2005   |
| Security                          | 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>Approvals</b> EMC<br>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<br>Midspan<br>EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR                                    |
| Supported protocols               | IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>®</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP, LLDP  | <b>Dimensions</b> 220 x 400 mm (8.60 x 15.82 in)   |
| <b>System integration</b>         |  | <b>Weight</b> 28 kg (61 lb)  |
| Application Programming Interface | 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><br>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>Included accessories</b> AXIS T8154 60 W SFP Midspan, two Allen keys, AXIS Surveillance Card 64 GB, Installation guide, Windows <sup>®</sup> decoder 1-user license   |
| Analytics                         | Included<br>AXIS Video Motion Detection, autotracking, Active Gatekeeper, highlight compensation<br>Basic Analytics (not to be compared with third-party analytics): Object removed, Enter/Exit detector, Fence detector, Object counter<br>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>Optional accessories</b> Wall Mount D201-S XPT, Pole Mount D201-S XPT   |
| Event triggers                    | Detectors: live stream accessed, video motion detection, shock detection<br>Hardware: fan, network, temperature, casing open<br>Input signal: manual trigger, virtual inputs<br>PTZ: autotracking, error, moving, preset reached, ready<br>Storage: disruption, recording<br>System: system ready<br>Time: recurrence, use schedule  | <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>  |
| Event actions                     | Record video: SD card and network share<br>Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email  | <b>Languages</b> English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese   |
|                                   |  | <b>Warranty</b> Axis 3-year warranty, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>   |

- 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 ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).  
b. The camera has been developed in cooperation with Spectrum Camera Solutions, LLC

Environmental responsibility:

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