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
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°–400°/s
Tilt: 220°, 0.05°–450°/s
32x optical zoom and 12x digital zoom, total 384xzoom 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
HD TV 1080p 1920x1080 to 320x180
HD TV 720p 1280x720 to 320x180

Frame rate
Up to 60/50 fps (60/50 Hz) in HD TV 720p
Up to 30/25 fps (50 Hz) in HD TV 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® encryption,
IEEE 802.1X® network access control, digest authentication,
user access log, centralized certificate management

Supported protocols
IPv4/v6, HTTP, HTTPS®, SSL/TLS®, QUIC Layer 3 DiffServ, FTP, SFTP,
CIFS/SMB, SMTP, Bonjour, UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS,
DynDNS, NTP, RTSP, RTP, TCP, UDP, ICMP, RTCP, ICMPv6, ARP,
SOCKS, SSH, NTP, LDAP

System integration

Application Programming Interface
Open API for software integration, including VAPID®
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 on 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/axcap

Event triggers
Detectors: live stream accessed, video motion detection, shock
hardening: 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, daytime/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
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 (5°F to 122 °F)
Artic 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, IIIB + H2 T6, -20 °C ≤ Ta ≤ +55 °C
Certificate number: FM17US0156

Explosion

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, ACM AS/NZS CISPR 22 Class A,
KCC KN32 Class A KN35
Midspan
EN 60895-1, 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

Option 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
(www.lysator.liu.se).b. The camera has been developed in cooperation with Spectrum Camera Solutions, LLC

Environmental responsibility:
www.axis.com/environmental-responsibility

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