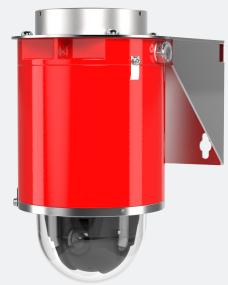


Spectrum D201-X-Q6075-E-BD

Explosion-Proof PTZ Camera with HDTV 1080p and 40x optical zoom

Key Features

- HDTV 1080p with 40x optical zoom
- Axis Lightfinder 2.0
- Axis Autotracking 2 & Orientation Aid
- **Built-in analytics**
- TPM, FIPS 140-2 level 2 certified
- Reliable Securing Kit included
- Made in USA
- NDAA-Compliant
- cFMus, Class I/II/III, Division 1, Zone 1/21, IECEx, ATEX, INMETRO, and UKCA approved.
- Operating Temperature: -20°C to +50°C









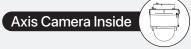












Description

Spectrum D201-X-Q6075-E-BD explosion-proof ptz camera delivers HDTV 1080p with 40x optical zoom for great overviews and colse details. Enclosed in a patented stainless-steel or red aluminum explosion-proof housing, it's certified (cFMus, ATEX, IECEx, INMETRO and UKCA) for use in potentially combustible environments. This highperformance explosion-proof ptz camera features Axis Autotracking 2 with click and track functionality, as well as an orientation aid for active object tracking and quick orientation. With Axis Lightfinder 2.0 the camera is able to deliver low-light images with richer colors and sharper images of objects in motion. Additionally, enhanced security features such as signed firmware and secure boot ensures the integrity and authenticity of the firmware.

Specifications

Spectrum D201-X-Q6075-E-BD				
Camera		System integration		
Image sensor	1/2.8" progressive scan CMOS	Application programming	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile S and ONVIF® Profile T, specification at onvif.org	
Lens	4.25–170 mm, F1.6–4.95 Horizontal field of view: 65.1°–2.00° (1080p) Vertical field of view: 39.1°–1.18° (1080p) Autofocus, auto-iris	interface		
Day and night	Automatically removable infrared-cut filter	Event conditions	Device status: above operating temperature,	
Minimum illumination	Color: 0.1 lux at 30 IRE, F1.6 B/W: 0.002 lux at 30 IRE, F1.6 Color: 0.15 lux at 50 IRE, F1.6 B/W: 0.003 lux at 50 IRE, F1.6	above or below operating temperature, below operating temperature, fan failure, IP address removed, network lost, new IP address, shock detected, storage failure, system ready, within		
Shutter speed	1/11000 s to 1/3 s with 50 Hz 1/11000 s to 1/3 s with 60 Hz		operating temperature Edge storage: recording ongoing, storage disruption	
Pan/Tilt/Zoom	Pan: 360° endless, 0.05°-450°/s Tilt: 220°, 0.05°-450°/s Zoom: 40x optical, 12x digital, total 480x zoom E-flip, 256 preset positions, tour recording (max 10, max duration 16 minutes each), guard tour (max 100), control queue, on-screen directional indicator, orientation aid PTZ, set new pan 0°,	I/O: digital input, manual trigger, virtual input MQTT subscribe PTZ: PTZ malfunctioning, PTZ movement, PTZ preset position reached, PTZ ready Scheduled and recurring: scheduled event Video: live stream open		
	adjustable zoom speed, focus recall	Event actions	Day/night mode, overlay text, video recording to edge storage, pre- and post-alarm video	
Sensor	AXIS Q6075-E		buffering, send SNMP trap PTZ: PTZ preset, start/stop guard tour	
System on chip (SoC)		F1Z: P1Z preset, start/stop guard tour File upload via FTP, SFTP, HTTP, HTTPS		
Model	ARTPEC-7		network share and email Notification via email,	
Memory	1024 MB RAM, 512 MB Flash		HTTP, HTTPS and TCP MQTT publish	
Compute capabilites	Machine learning processing unit (MLPU)	Data streaming	Event data	
Video		Built-in installation aids	Pixel counter, leveling guide	
·	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile	Axis object analytics Object classes: humans, vehicles Trigger conditions: line crossing, object in area Up to 10 scenarios Metadata visualized with color-coded bounding boxes Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event	Trigger conditions: line crossing, object in area	
	Motion JPEG			
Resolution	HDTV 1080p 1920x1080 to 320x180			
Frame rate Video streaming	Up to 50/60 fps (50/60 Hz) in HDTV 1080p Multiple, individually configurable streams in H.264, H.265 and Motion JPEG		Perspective configuration	
	Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265	Applications	Included AXIS Object Analytics, AXIS Video Motion Detection, AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard, autotracking 2, active gatekeeper Basic analytics (not to be compared with third- party analytics): object removed, enter/exit detector, object counter Supported Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap	
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, polygon privacy masks, electronic image stabilization (EIS), freeze on PTZ, automatic defog, backlight compensation, scene profiles Wide Dynamic Range (WDR): Up to 120 dB depending on scene, highlight compensation			
Network		General		
Security	Password protection, IP address filtering, HTTPSa encryption, IEEE 802.1x (EAP-TLS)a network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware, secure boot, secure keystore (CC EAL4 certified), TPM (FIPS 140-2 certified)	Casing (x)	A = Aluminum S = Stainless Steel	
		Weight	A = 32 lbs (14 kg) S = 68 lbs (28 kg)	
		Dimensions	Height: 15.9 in (404 mm) ø 8.6 in (218 mm)	
Supported protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPSa, TLSa, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, NTCIP, LLDP, CDP, MQTT, Syslog, Link-Local address (ZeroConf)	Power	44 - 57 Vdc 60W	
		Storage Conditions	-40 °C to 65 °C Humidity 5–95% RH (non-condensing)	
		Operating Conditions	-20°C to +50°C Humidity 10-100% RH (condensing)	
		Warranty	5-year limited warranty, see spectrumcamera. com/warranty	

Specifications

Approvals	Hazardous Area	
	FM3600, FM3615, ANSI/ISA/EN/IEC/CAN/ CSA-C22.2 60079-0, ANSI/UL/EN/IEC/CAN/ CSA-C22.2 60079-1, ANSI/UL/IEN/EC/CAN/ CSA-C22.2 60079-31	
	EMC EN 55032 Class A, EN 50121-4, IEC 62236-4, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class A, KC KN35 Safety IEC/EN/UL 60950-22, IEC/EN/UL 62368-1, IS 13252 Environment	
	IEC 60068-2-1, IEC 60068-2-2, IEC 60068- 2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66/IP67, IEC/EN 62262 IK10, NEMA 250 Type 4X, NEMA TS 2 (2.2.7-2.2.9) Network NIST SP500-267	
Explosion-proof Certifications	USA (Divisions): Class I Division 1 Groups B,C,D T6, type 4X, IP66/67	
	Class II/III, Division 1, Groups E,F,G T6 Ta = -20 °C to $+50$ °C	
	Certificate: FM17US0156X	
	USA and Canada (Zones): Class I, Zone 1, AEx/Ex db IIB+H2 T6 Gb Ta	
	-20°C to +50°C, Type 4X, IP66/67 Zone 21, AEx/Ex tb IIIC T85 °C Db Ta = -20°C to +50°C, Type 4X, IP66/67	
	Certificate: FM17US0156X and FM18CA0103X ATEX:	
	II 2 G Ex db IIB+H2 T6 Gb Ta = -20°C to +50°C, IP66/67	
	II 2 D Ex tb IIIC T85 °C Db Ta = -20°C to +50°C IP66/67	
	Certificate: FM18ATEX0057X IECEx:	
	Ex db IIB+H2 T6 Gb Ta = -20°C to +50°C, IP66/67	
	Ex tb IIIC T85 °C Db Ta = -20°C to +50°C, IP66/67	
	Certificate: FMG 18.0020X INMETRO:	
	Ex db IIB+H2 T6 Gb Ta = -20°C to +50°C, IP66/67	
	Ex tb IIIC Db T85 °C Ta = -20°C to +50°C, IP66/67	
Video Managamant	Certificate number: NCC 20.0083 X	
Video Management Software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis. com/vms	
Languages (Camera)	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese	

Approvals & Dimensions





8935 ALMEDA GENOA RD. HOUSTON, TEXAS 77075 USA

CERT NO. FM17US0156X

INPUT: 44-57 Vdc 60W

MODEL NUMBER: D201-A-Q6075-E-BD

SERIAL: TIME-MO-DY-YEAR

Class I Division 1 Groups B,C,D T6, Type 4X, IP66 Class II/III, Division 1, Groups E,F,G T6

-WARNINGS: Ta = -20°C to +50°C

- -NOT INCLUDING KETONE OR ESTER ATMOSPHERES
- -CONDUIT ENTRIES ARE M20 X 1.5
- -DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE MAY BE PRESENT

-INSTALL SEAL AT ENCLOSURE ENTRY US Patent 9917428

US Patent D858611





MADE IN USA CERT NO. FM17US0156X FM18CA0103X



8935 ALMEDA GENOA RD. HOUSTON, TEXAS 77075 USA

MODEL: D201-S-Q6075-E-BD **SERIAL:** INPUT: 44-57 Vdc 60W

Class I, Zone 1, AEx/Ex db IIB+H2 T6 Gb Ta = -20°C to +50°C, Type 4X, IP66

Zone 21, AEx/Ex tb IIIC T85°C Db Ta = -20°C to +50°C, Type 4X, IP66

| 12 G | Ex db | IIB+H2 T6 Gb Ta = -20°C to +50°C, IP66



CERT NO. FM18ATEX0057X, IECEX FMG 18.0020X, FM22UKEX0028X WARNING: DO NOT OPEN WHEN ENERGIZED OR WHEN AN EXPLOSIVE ATMOSPHERE MAY BE PRESENT US Patent 9917428

www.spectrumcamera.com

US Patent D858611



FABRICADO NO EUA

CERT NO. NCC 20.0083 X MODELO: D201-A-Q6075-E-BD ALIMENTAÇÃO: 44-57 Vdc 60W



NCC 20.0083 X

Ex db IIB+H2 T6 Gb Ta = -20°C to +50C Ex tb IIIC T85°C Db Ta = -20°C to +50°C



- ATENÇÃO:

 ENTRADAS DE CABOS M20 X 1.5

 NÃO ABRA ENQUANTO UMA ATMOSFERA EXPLOSIVA PUDER ESTAR PRESENTE

 NÃO ABRIR QUANDO UMA ATMOSFERA EXPLOSIVA PUDER ESTAR PRESENTE

 NÃO ABRIR QUANDO ENERGIZADO

 RISCO POTENCIAL DE CARGA ELETROSTÁTICA VER INSTRUÇÕES

-Patente EUA 9917428 -Patente EUA D858611

