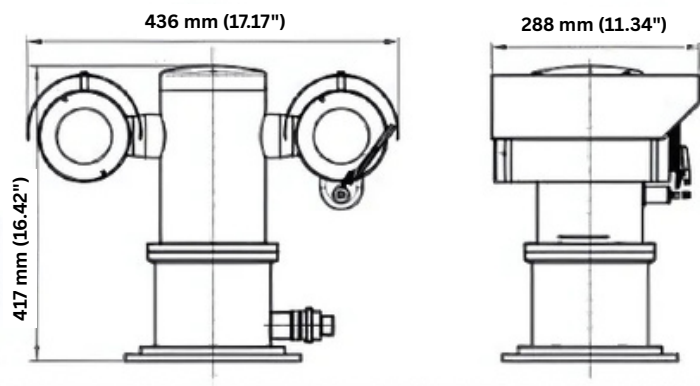




Features

- ATEX, IECEx certified
- Stainless steel 304 (also available in stainless steel 316L)
- Enclosure Protection: IP68
- Exd IIC T6 Gb / Extd A21 IP68 T80°C
- Fit for gas zone 0, zone 1, zone 2, dust zone 20, 21, 22
- 4MP, 1/2.8" progressive scan, CMOS image sensor
- 32 × optical zoom, focal length 5.9 mm to 188.8 mm
- Night vision distance up to 150 meters
- Smart events: intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
- Face capture
- Power input: AC100-240V

Dimensions



Specifications

CAMERA					
Sensor		1/2.8", 2 megapixel, progressive scan, CMOS			
Max. Resolution		4MP (2560 x 1440 resolution)			
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	Wide	88 m (288.7 ft)	35.2 m (115.5 ft)	17.6 m (57.7 ft)	8.8 m (28.9 ft)
	Tele	280 m (918.6 ft)	112 m (367.5 ft)	56 m (183.7 ft)	28 m (91.9 ft)
Lens Type		32x Optical			
Focal Length		5.5–180 mm			
Zoom Speed		Approx. 3.5 s (Optical, Wide–Tele)			
Horizontal FOV		60.2° to 2.3° (Wide–Tele)			
Aperture		F1.5–F4.0			
Minimum Working Distance		100–1500 mm (Wide–Tele)			
Electronic Shutter		1/1–1/30,000 s			
Focus		Auto, Semi-auto, Manual			
Regional Exposure		Yes			
Video Bitrate		32–16,384 Kbps			
Exposure Mode		Auto, Iris priority, Shutter priority, Manual			
WDR		120 dB			
Day/Night Switch		ICR			
Minimum Illumination		Color: 0.05 Lux @ (F1.5, AGC ON); B/W: 0.01 Lux @ (F1.5, AGC ON)			
Day/Night		Auto / Color / BW / Triggered by Alarm Input / Scheduled-Switch			
IR Range		Up to 150 m (492 ft)			
Video Compression		H.264 / H.265			
Audio Compression		G.711a / G.711u / G.722.1 / G.726 / MP2L2 / AAC / PCM			
White Balance		Auto, ATW, Sodium lamp, Fluorescent lamp, Indoor, Outdoor, MWB, Locked WB			

Specifications

Gain Control	Auto / Manual
Image Enhancement	HLC, BLC, 3D DNR, Electronic defog
SNR	>52 dB
Streaming Capability	3 Streams
Stream / Frame Rate	Main Stream: 50 Hz: 25 fps (2560 x 1440, 1920 x 1080, 1280 x 960, 1280 x 720); 60 Hz: 30 fps (2560 x 1440, 1920 x 1080, 1280 x 960, 1280 x 720); Sub-Stream: 50 Hz: 25 fps (704 x 576, 640 x 480, 352 x 288); 60 Hz: 30 fps (704 x 480, 640 x 480, 352 x 240); Third Stream: 50 Hz: 25 fps (2560 x 1440, 1920 x 1080, 1280 x 960, 1280 x 720, 704 x 576, 640 x 480, 352 x 288); 60 Hz: 30 fps (2560 x 1440, 1920 x 1080, 1280 x 960, 1280 x 720, 704 x 480, 640 x 480, 352 x 240)
Smart Encoding	Low bitrate, ROI
Smart Detection	Intrusion detection, Line crossing detection, Region entrance detection, Region exiting detection, Unattended baggage detection, Object removal detection
Face Capture	Yes
NETWORK	
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, Bonjour
Compatible Integration	Open-ended API, ONVIF, PSIA, CGI, Third-party management platform, ISUP
Web Browser	IE 10–11, Chrome 57+, Firefox 52+, Safari 12+
Simultaneous Live View	Up to 20 channels
User	Up to 32 users; 3 levels: Administrator, Operator, and User
Security Measures	Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access
INTERFACE	
Power Interface	12 VDC $\pm$ 10%
Communication	RS232 interface, RS485 interface, Pelco protocol
Communication Interface	10/100 M Ethernet interface
Audio I/O	1 audio input, 1 audio output

Alarm I/O	1 alarm input, 1 alarm output
Video Output	No
SDI Output	No
RS-485	Yes
Onboard Storage	Micro SD/SDHC/SDXC card, up to 256 GB
Interface	36 pin FFC (including network interface, RS485, RS232, alarm in/out, line in/out, power supply)
STORAGE	
Edge Storage	Micro SD, up to 256 GB
GENERAL	
Power	110–220 V
Dimensions (Ø x H)	436 mm x 288 mm x 417 mm (17.17" x 11.34" x 16.42")
Weight	27.5 kg (60.5 lb)
Working Environment	Temperature: -10°C to 60°C (14°F to 140°F)
Operating Humidity	≤90%