

# SVEX-8M25Z-Z

8MP IR Explosion Proof Bullet Camera with Infrared Light



## Key Features:

- ATEX, IECEx certified
- Ex II 2 G Ex db II C T6 Gb / Ex II 2 D Ex tb III C T80°C Db
- Application: Gas zone 1 and zone 2; Dust zone 21 and zone 22
- Stainless steel 304 or 316L corrosion proof for marine area
- Optional electro polished or corrosion resistant paint finish
- Enclosure Protection: IP66 IP68 (2m 2h) IP69
- With lights for night vision up to 60 m (328ft)
- 8MP, 1/2.8" progressive scan, CMOS image sensor
- 2.7~13.5mm motorized lens
- Power input: AC100-240V, AC24V, DC24V, PoE, DC12V (choose one option)

## Specifications:

CAMERA					
<b>Sensor</b>		1/2.8", 8.0 megapixel, progressive scan, CMOS			
<b>Max. Resolution</b>		8MP (3840 × 2160)			
<b>DORI Distance</b>	<b>Lens (mm)</b>	<b>Detect (m)</b>	<b>Observe (m)</b>	<b>Recognize (m)</b>	<b>Identify (m)</b>
	<b>2.7mm</b>	88 m (288.7 ft)	35.2 m (115.5 ft)	17.6 m (57.7 ft)	8.8 m (28.9 ft)
	<b>13.5mm</b>	280 m (918.6 ft)	112 m (367.5 ft)	56 m (183.7 ft)	28 m (91.9 ft)
<b>Lens Type</b>		Motorized zoom			
<b>Focal Length</b>		2.7 to 13.5 mm			
<b>Angle of View</b>		H: 98.1° to 30.9°, V: 52.6° to 17.3°			
<b>Wide Dynamic Range</b>		True WDR			
<b>Electronic Shutter</b>		Auto/Manual, 1/5 to 1/20,000 s			
<b>Minimum Illumination</b>		Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux @ (IR LED ON)			
<b>Day/Night</b>		IR-cut filter with auto switch (ICR)			
<b>S/N</b>		>55dB			
<b>IR Range</b>		Up to 60 m (328ft)			
<b>IR On/Off Control</b>		Auto/Manual			
<b>Image Enhancement</b>		HLC, BLC, Defog			
VIDEO					
<b>Streaming Capability</b>		3 Streams			
<b>Stream / Frame Rate</b>		Stream1: 3840 × 2160, 2592 × 1944, 2592 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720 @25/30 fps Stream2: D1, VGA, CIF @25/30 fps Stream3: VGA, CIF, QVGA @25/30 fps			
<b>Bit Rate Control</b>		CBR/VBR			
<b>Video Bit Rate</b>		Stream1: 200 kbps to 16 Mbps Stream2: 100 kbps to 6 Mbps Stream3: 100 kbps to 3 Mbps			
<b>Smart Encode</b>		Supported			
<b>Privacy Masking</b>		Up to 4 areas			
<b>ROI</b>		Up to 8 areas			
IMAGE					
<b>White Balance</b>		Auto/Manual			
<b>Digital Noise Reduction</b>		2D/3D DNR			
<b>Smart IR</b>		Supported			
<b>Motion Detection</b>		Supported			
<b>Dewarping</b>		NA			
<b>HLC</b>		Supported			
<b>BLC</b>		Supported			
SMART FUNCTION					
<b>Multi-Object Detection</b>		Supports face, human, vehicle detection and capture			
<b>Intelligent Analytics</b>		Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way Support alarm triggering by specified target types (human and vehicle)			
<b>People Counting</b>		Supported			

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Audio	
<b>Compression</b>	G.711, RAW_PCM
<b>Bitrate</b>	64Kbps (G.711), 128Kbps (RAW_PCM)
<b>Two-way Audio</b>	N/A
Storage	
<b>Edge Storage</b>	Micro SD, up to 256 GB
NETWORK	
<b>Protocols</b>	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTP, DHCP, NTP, RTCP/RTT, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP, TLS/SSL
<b>Compatible Integration</b>	ONVIF, SDK, CGI
<b>Max. User Access</b>	10 Users
<b>Web Browser</b>	<IE11, Chrome, Firefox, Microsoft Edge
<b>Language</b>	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
INTERFACE	
<b>Network Interface</b>	1 Ethernet (10/100 Base-T) RJ-45 Connector
<b>Optional Audio</b>	1ch Input, 1ch Output
<b>Optional Alarm</b>	1ch Input, 1ch Output
<b>Optional Reset Button</b>	Support
CERTIFICATIONS	
<b>Certificate</b>	ATEX, IECEx certified
GENERAL	
<b>Power</b>	AC100-240V, AC24V, PoE, DC12V (IEEE 802.3af) Max 7w
<b>Dimensions (Ø x H)</b>	270.50 mm X 166.00 mm X 160.00 mm (L x W x H)
<b>Weight</b>	Gross 6.5 kg (14.33 lb) Net 5.6 kg (12.34 lb)
<b>Working Environment</b>	-40 °C to +60 °C (-40 °F to +140 °F)
<b>Operating Humidity</b>	- ≤ 95%
<b>Cable thread hole</b>	1set M25*1.5 (standard), M27*1.25
<b>Ex-Proof Marking</b>	Ex db IIC T6 Gb/ Ex tb IIIC T80°C Db

## Dimensions

