

SVEX-CD-ZM

4MP 4X Explosion Proof Dome Camera



Features

- Stainless steel 304 or 316L
- Exd II CT6 Gb/ Ex tD A21 IP68 T80°C
- Application: gas zone 1, zone 2; dust zone 21, 22
- 1/3" 4Megapixel CMOS
- Powerful 4x optical zoom
- Max. 25/30fps@4M/3M
- Built-in IR LED, max IR distance: 40 m
- Optional electro polished or corrosion resistant paint finish
- Enclosure Protection: IP68
- power input: DC12V or POE power supply

CAMERA				
Image Sensor	1/3" CMOS			
Effective Pixels	2592(H) x 1520(V), 4 Megapixels			
RAM/ROM	256M/128M			
Electronic Shutter Speed	1/1s~1/30,000s			
Scanning System	Progressive			
Minimum Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6			
S/N Ratio	More than 50dB			
IR Distance	40m			
IR On/Off Control	N/A			
IR LEDs	N/A			
LENS				
Focal Length	2.7mm~11mm			
Max. Aperture	F1.6 ~ F2.8			
Angle of View	H: 112.5° ~ 30°			
Optical Zoom	4x			
Focus Control	Auto/Manual			
Close Focus Distance	100mm~ 1000mm			
DORI Distance				
Note: The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.				
DORI Distance	Detect	Observe	Recognize	Identify
	180m(591ft)	72m(236ft)	36m(118ft)	18m(59ft)
PTZ				
Pan/Tilt Range	Pan: 0° ~ 355°; Tilt: 0° ~ 90°			
Manual Control Speed	Pan: 0.1° ~100° /s; Tilt: 0.1° ~60° /s			
Preset Speed	Pan: 100°/s; Tilt: 60°/s			
Presets	300			
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan			
Speed Setup	Human-oriented focal length/speed adaptation			
Power up Action	Auto restore to previous PTZ and lens status after power failure			
Idle Motion	Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period			
Protocol	DH-SD			

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INTELLIGENCE	
Event Trigger	Motion detection, Video tampering, Network disconnection, IP address conflict, Illegal access, Storage Anomaly
Auto Tracking	N/A
IVS	Tripwire, Intrusion, Abandoned/Missing
Advanced Intelligent Functions	Face Detection
VIDEO	
Compression	H.265/H.264
Streaming Capability	3 Streams
Resolution	4M(2592×1520)/3M(2304×1296)/1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)
Frame Rate	Main stream: 4M/3M/1080P/1.3M/720P (1~25/30fps)
	Sub stream1: D1/CIF(1 ~ 25/30fps)
	Sub stream2: 720P/D1/CIF (1~25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.265/H.264: 448K ~ 8192Kbps
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / WDR (120dB)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto/Manual
Noise Reduction	Ultra DNR (2D/3D)
Motion Detetion	Support
Region of Interest	Support
Electronic Image Stabilization (EIS)	N/A
Defog	Support
Digital Zoom	16x
Flip	180°
Privacy Masking	Up to 24 areas
NETWORK	
Ethernet	RJ-45 (10XBase-T/100Base-TX)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PP-POE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
Interoperability	ONVIF Profile S&G, API
Streaming Method	Unicast / Multicast
Max. User Access	20 users

Edge Storage	NAS (Network Attached Storage), Local PC for instant recording, Micro SD card 256GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Smart PSS, DSS, DMSS
Smart Phone	IOS, Android
CERTIFICATIONS	
Certifications	Exd II CT6 Gb/ Ex tD A21 IP68 T80°C
INTERFACE	
Video Interface	N/A
RS485	N/A
Audio I/O	N/A
Alarm I/O	N/A
ELECTRICAL	
Power Supply	DC 12V/1.5A, PoE(802.3af)
Power Consumption	10W
ENVIRONMENTAL	
Operating Conditions	-40°C ~ 60°C (-40°F ~ +140°F) / Less than 95% RH
Storage Temperature	-40°C ~ +60°C (-40°F to +140°F)
Ingress Protection	IP68
GENERAL	
Material	Stainless steel 304, 316L Optional with corrosion proof painting
Dimensions (Diam.xH)	Ø 5.7" x 9.65" including ceiling mount
Net Weight	6.4kg(14.1lb)
Gross Weight	6.5kg(14.3lb)

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Dimensions

