

SVEX-610-2M20X-ZN

Explosion Proof Integrated Camera



Key Features:

- ATEX, IECEx Approved;
- Applicable for Gas Zone 1, Zone 2,
- (Class II A, IIB, IIC, T1-T6 group)
- Dust Zone 21, 22.
- Certified for the latest standards IEC/EN60079 (2014)
- Stainless steel 304 or 316L enclosure
- Surface optional electro-polished or painting
- Weather Proof IP68(1.2m/45min)
- Wide voltage input: AC100-240V or AC24V
- Strong tempered glass, fit for hydrofluoric acid area
- Intelligent window defroster design
- Auto temperature adjust kit for aggressive area
- High precision wiper , support user-defined
- Auto temperature adjust kit for aggressive area
- Symmetrical balancing design
- Intelligent long focal speed limit, fit for long distance monitoring

Specifications:

CERTIFICATIONS	
Marking	Ex II2G Ex db IIC T6 Gb Ex II2D Ex tb IIC T80 °C Db
Standards	IEC/EN60079
MECHANICAL	
Housing	Stainless steel 304 or 316L
Ingress protection	IP68 (1.2m/ 45min)
Cable thread hole	M25×1.5
Sunshield	YES
ELECTRICAL	
Voltage	AC100V~AC240V or AC24V
Power	50W/70W (with thermostat)
Surge Protect	Optional, TVS6000V surge protect
Optical Fiber Output	Optional, multimode or single mode
Optional network signal	RJ45
Address code:	0/1
Optical Video signal	1-way video output
AMBIENT	
Ambient Temperature	-25°C~+60°C
Air Pressure	80Kpa to 110Kpa
Relative Humidity	≤95%RH (no condensation)
COMMUNICATION	
Communication type	RS485
Protocol	Pelco-D, Pelco-P
Communicate Rate	2400~19200bps adjustable
485 Communication	Support
PAN & TILT	
Horizontal	Continuous 360°
Horizontal Speed	0.1~45°/s
Vertical	-90°~90°
Cruise Scan	Support
Keep Watch	Support
Preset	64/128/255/300
Resume Function	Support
Auto Cruise	Support
Auto Scan	Support
ALARM	
Alarm Input	2-channel/ 7-channel
Alarm Output	1-channel, action with alarm
Intelligent Alarm	Audio detective, move detective, video shield, network interrupt, IP address conflict, storage full, storage error, illegal access

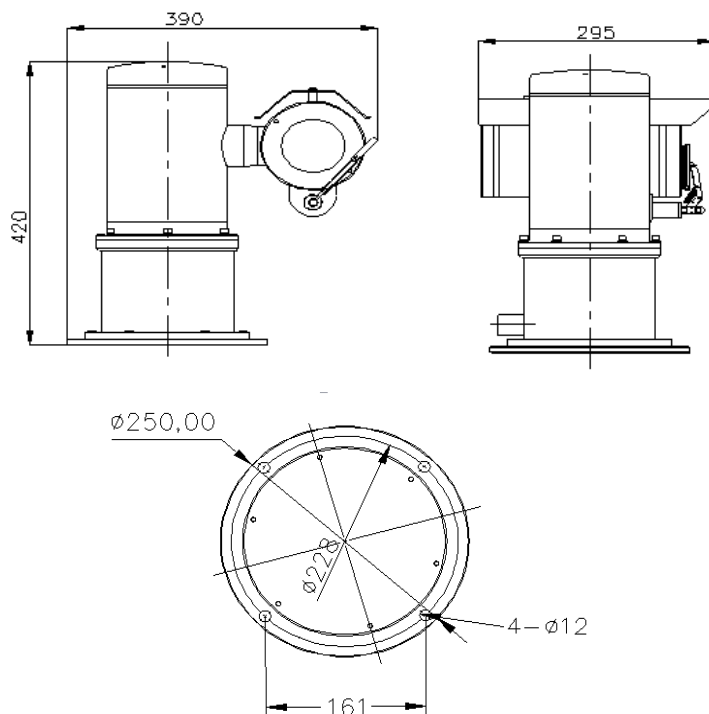
SVEX-610-2M20X-ZN

Explosion Proof Integrated Camera



AUDIO	
Audio Input	Audio input (LINE input, MIC input), audio peak:2-2.4Vp-p,output impedance: 1KΩ+10%
Audio Output	Line-level impedance 600Ω
CAMERA	
Image Sensor	1/2.8" Progressive Scan CMOS
Lens	20X,4.7-94mm
Effective pixel	2MP
Aperture Range	F1.6-F3.5
Angle of View	61.4-29 degree (wide -tele)
Min Illumination	Color: 0.05Lux @ (F1.6, AGC ON) B/W: 0.01Lux @ (F1.6, AGC ON)
Day & Night	Auto/color/BW
S/N Ratio	>52dB (AGC off)
Gain	Gain Auto/Manual
Frame Rate	50HZ:25fps(1920x1080) 60HZ:30fps(1920x1080) 50HZ:25fps(1280x720) 60HZ:30fps(1280x720)
Digital Zoom	12X
Min. Working distance	10mm-1500mm(wide-tele)
ShutterTime	1/1sec-1/30,000 s
White balance	Auto 1/Auto 2/Indoor/Outdoor/Manual/Sodium Lamp/Fluorescent Lamp
BLC	ON/OFF
Exposure compensation	10 levels adjustable
Digital WDR	ON/OFF, 15 levels adjustable
Imaging setting	Saturation, brightness, contrast, sharpness adjustable
Video compression	H.264 main profile/MJPEG
Video bit rate	32kbps-16mbps
Audio compression	G.722.1/G.711-a law/G.711-u law/MP2L2/G.726
Imaging setting	Motion detection, tampering alarm, storage full, storage exception
NETWORK	
Protocol	TCP/IP, HTTP, DHCP, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, FTP, 802.1*, QoS, HTTPS, IPv6(SIP, SRTP optional)
Compatible Integration	ONVIF, PSIA, CGI, ISAPI
GENERAL	
Cable	Integrated cable
Dimensions	295 x 390 x 420 (mm)
Weight	30Kg
Mounted	wall, pole

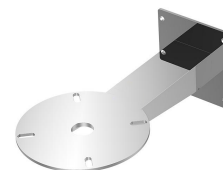
Dimensions



Optional Accessories



MODEL: SVEX-JXD



MODEL: SVEX-WM610