

Product information

Part number: A.008126

Explosion proof 2MP PTZ compact dome with 20x zoom

DESCRIPTION

This extremely robust camera is a compact 2MP outdoor PTZ dome camera with 20x optical zoom. Utilizing 316L stainless steel body ensures free operation in aggressive atmospheres such as those in the chemical industry or in the offshore and marine. The camera is IP66/IP67 dust and water proof and IK10 vandal resistant to make it suitable for extreme conditions.

FEATURES

1/2.8 inch Ultra low-light CMOS imager

Triple stream H.264 and MJPEG

2MP @ 60 fps

20x optical zoom, 16x digital zoom

120 dB WDR (HDR)

Digital Image Stabilization

IP67

ONVIF Profile S

ATEX and IECEx Zone 1



Specifications

Camera			
Image sensor	1/2.8" Progressive scan CMOS		
Effective pixels	1945x1097		
Min. illumination	0.2 lux Color, 0.01 lux B/W (@ 50IRE)		
Shutter speed	8 to 1/50,000 sec		
Day/Night	IR-cut filter		
Lens	20x zoom		
Focal length	4.7mm to 94 mm		
Horizontal field of view	55.5° (W) to 3.0° (T)		
Lens material	High-grade optical glass		
PTZ			
Pan range	360° Continuous rotation		
Tilt range	-10° to +190°		
Number of presets	256		
Preset speed	380°/s		
Tour/Pattern Scan	8		
Body material	SS316L		
Image control			
Dynamic range (WDR)	120 dB, HDR		
White balance	Auto, Manual		
Exposure	Auto, Iris Priority		
Image settings	Contrast Brightness, Saturation, Sharpness		
SNR	Better than 50dB		
Noise reduction	2DNR, 3DNR		
Image Stabilization	Yes (Digital)		
Digital zoom	16x		
Text and picture overlay	Pan/Tilt position, date & time, 2x line (25 characters each),		
Image rotation	Flip		
Video			
Video compression	H.264; H.265 (HEVC); MJPEG		
Number of compression instances	Any combination of 3x H.265 or H.264 streams with possibly one MJPEG stream.		
Supported resolutions	1920x1080,1440x1080,1280x1024/720, 1024x768, 800x600/480 720x576/480, 704x576/480, 640x480/360, 400x240, 352x288/256/240, 320x240		
Max. streaming	Stream 1 (H.264)	Stream 2 (MJPEG)	Stream 3 (H.264)
-60fps	1920x1080	640x480	N/A
-30fps	1920x1080	704x576	1920x1080
Compression bit rate control	Constant bit rate (CBR), variable bit rate (CVBR)		
Number of video output streams	Up to 20 (RTSP)		
Total output data rate (max)	60 Mb/s		
Video frame rate	1 to 30 fps, 1 to 25 fps		
Analog video output	N/A		

Specifications

Audio	
Audio compression	G.711
Audio Input	Line in, Mic in
Audio Output	Line out
Analytics	
Event detection	Motion Detection
Event Triggers	External Input, Analytics, Network Failure Detection
Network	
Network storage	NAS (Support NFS, SMB/CIFS)
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, Bonjour, zero config
Security	User authentication, IP filtering, HTTPS encryption
Standard	ONVIF (Profile S and T)
Web browser	IE 9, 10 and 11; limited support for Edge, Chrome, Firefox
Network interface	10/100 Mb (RJ45)
Environmental	
Ingress protection level	IP66 / IP67
Ambient temperature	-30 to +60°C
Relative humidity	5 to 100%
Power supply	12Vdc, 2A; 24 Vac, 40VA; PoE 802.3af
Power consumption	Max. 12W excluding heater
Heater	10W @ 24Vac only (not supported when PoE powered)
- Heater on	< 15°C
- Heater off	> 25°C
Mechanical	
Interfaces	
- Ethernet	RJ45
- Alarm in / out	8-pole terminal block
- 12Vdc, 24Vac	2-pole terminal block
- Audio in / out	2x 2-pole terminal block
Dimensions	270 [Ø] x 215 [H]
Weight	13,5 kg
Color	Electro polished stainless steel
Certification	
ATEX	ATEX (EN 60079-0: 2017, EN 60079-1: 2014, EN 60079-31: 2014 Ex II 2 G Ex d IIC T6 Gb Ta -40°C to +60°C Ex II 2 D Ex tb IIIC T85°C Db Ta -40°C to +60°C
IECEX	IECEX (IEC 60079-0: 2017, EN 60079-1: 2014, EN 60079-31: 2013 Ex d IIC T6 Gb Ta -40°C to +60°C Ex tb IIIC T85°C Db Ta -40°C to +60°C

Dimensions in mm

