SEATRONX

Our Vision is Your Vision

2 MP 26X Explosion Proof Anti-Corrosion Network IR PTZ Camera

Explosion Proof Mark

Ex II 2G Ex db op is IIC T6 Gb
II 2D Ex tb op is IIIC T80° C Db IP68
IP66

Explosion-proof design

the camera has passed international ATEX certifications, and can be used in gas and dust hazardous scenarios

Material

316L stainless steel enclosure and anti corrosion spray treatment, protecting the camera from damage caused by sparks or corrosive materials

Ingress Protection

IP68/IK08 water resistant and vandal proof, preventing water ingress for outdoor use

Key Features

- 360° horizontal continuous rotation, speed up to 300°/ s.
- Multiple scan modes, rich and practical functions ; Metal base and movement holder.
- Optional analog video, audio input and output, alarm input and output, RS485 interface.
- Resolution :up to 2MP （1920×1080）,Output Full HD : 1920×1080@30fps Live Image. Support H.265/H.264/MJPEG Video Compression Algorithm , Multi-level Video Quality Configuration.
- Encoding Complexity Settings. Starlight Low Illumination, 0.001Lux/F1.5(color),0.0005Lux/F1.5(B/W) ,0 Lux with IR.
- 26X Optical Zoom, 16X Digital Zoom ; ONVIF ; Smart Detection: Line Crossing, Intrusion, Region Enter/Exit.
- Support 3-stream Technology, each stream can be independently configured with resolution and frame rate ICR automatic switching, 24 hours day and night monitoring.
- Support Backlight Compensation, Automatic Electronic Shutter ,adapt to different monitoring environment.
- Support 3D Digital Noise Reduction, High light Suppression, Electronic Image Stabilization, 120dB Optical.
- Wide Dynamic Support 255 Preset,8 patrols. Support Timed Capture and Event Capture Support One-click watch and One-click cruise functions Support 1 audio input and 1 audio output.
- Built-in 1 alarm input and 1 alarm output, support alarm linkage function Support Bluetooth, WiFi, 4G function module expansion Support Micro SD / SDHC / SDXC card storage up to 256G.

Specification

		camera
Sensor	Size	1/2.8'' progressive scan CMOS
	Min Illumination	Color:0.001 Lux @(F1.5,AGC ON);B/W:0.0005Lux @(F1.5,AGC ON)
Lens	Focal Length	5-130mm，26X Optical Zoom
	Aperture	F1.5-F4.0
	Close Focus Distance	100mm-1000mm (wide-tele)
	Angle of View	60.5-2.3°（wide-tele）
Video Compression		H.265/H.264/MJPEG
Audio Compression		G.711a/G.711u/G.722.1/G.726/MP2L2/AAC/PCM
Main Resolution		50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720);60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Exposure mode		Auto Exposure/Aperture Priority/Shutter Priority/Manual Exposure
Focus mode		Auto focus/one time focus/manual focus/semi-auto focus
Horizontal rotation		360°, 0.1°/s ~ 200°/s
Vertical rotation		0° ~ 90°, 0.1°/s ~ 120°/s
Preset position		255, 300°/s, ±0.5°
Image optimization		Corridor mode, saturation, brightness, contrast,adjusted by IE/ Clien sharpness
Day/Night		Automatic, manual, timing, alarm
Exposure Compensation		ON/OFF
Operating Conditions		（-40°C～+70°C/<90％RH）
		General
Power		AC 100-240 V
Dimensions (L × W × H)		188× 188 × 260mm
Net Weight		≤5.5kg
Material		Stainless Steel 316L
Working Environment		-40°C ~ 60°C , Humidity: ≤100% RH (non-condensing)
Strorage Environment		-40°C ~ 60°C , Humidity: ≤100% RH (non-condensing)
Surge Protection		2KV
Ingress Protection		IP68
Inlet Hole Specification		1 Entry hole G3/4"
Installation Method		Wall or column platform installation
		PTZ
Rotation Angel		Horizontal: 0°-360° / Vertical: -90°-0°
		Approval
Protection		IK08 (IEC 62262:2002), IP68 (IEC 60529-2013)
Explosion-Proof Protection		ATEX: II 2G Ex db IIC T6 Gb/ II 2D Ex tb IIIC T80°C Db IP68 IECEx: Ex db IIC T6 Gb /Ex tb IIIC T80°C Db IP68
		For explosive gas atmospheres, the maximum surface temperature is 85°C; For flammable dust atmospheres, the maximum surface temperature is 80°C; IIC: for explosive gas atmospheres other than mines susceptible to firedamp;For explosive gas mixture atmospheres: Zone 1, Zone 2, Zone 21, Zone 22.

Application Scenarios

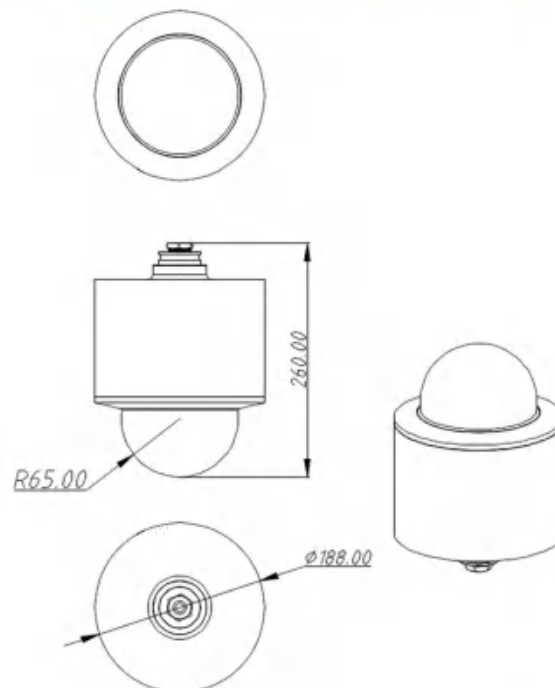| Oil & Gas | Refineries & Fuel Depots | Surveillance & Security | Chemie & Pharma | Oil tankers |

Other application areas : desert drill sites , offshore rigs , mechanical engineering ,biogas plants , military, electric power, hydraulic power, railway, metallurgy, natural gas extraction, drilling platform, aerospace, marine, armed police, border defense ,vessels ,fireworks production ,ports etc

Group II (Gas & Dust)	ATEX / IECEx / EAC-Ex				
Zone	0	1	2	21	22
Application	✗	✓	✓	✓	✓

Group I (Mining)	ATEX / IECEx..	
Category	Ma	Mb
Application	✗	✗

DIMENSIONS

260.00

R65.00

Ø188.00

Accessories

Bracket   Ex-Proof Hose   Ex-Proof Junction Box