

TORPEDO CAMERA



Application Environments

Applicable for the factories having the explosive mixtures formed from class IIA, IIB and IIC T1-T6 group flammable gas, steam with air in area No.1, No.2, and appearing the explosive hazardous area due to the mixture of flammable dust and air in area No.20, No.21 and No.22, such as oil field, chemical plant, port, oil storage, steamship, oil drilling platform, gas stations, coal mine, aviation, military, medicine, steel, firecrackers production, machinery, food processing and storage and so on.

Features

- Adopt SONY-CV7520A zoom module, effective pixels: 2.13MP
- 30X zoom, 12X electronic zoom, focal length 4.3MM~129MM, aperture from F1.6 to F 4.7, FOV : up to 63.7°.
- Super WDR function, up to 120DB, own anti shake DSP, defog and starlight level night vision function, color state minimum illumination can up to 0.01LX, black state minimum illumination can up to 0.0008LX
- 24 hour time show;
- RJ45 two levels lightning protection, surge;
- Support H.264 & H.265 video coding, support dual stream, support stream : 0.1M~8Mbps adjustable, frame rate: 25 FPS, support 1~25 FPS/Seconds adjustable;
- RJ45 interface
- Network transparent transmission channel, can use Sony VISAC protocol to control camera
- Free PC client software and windows Linux android iso platform S D K for second development
- Optics class toughened ultra-clear white explosion-proof glass, flux rate higher than 96%.
- Invisible nano wiper, non-stick water, non-stick oil, dust-proof.
- Stainless steel material with original color, explosion-proof, dust-proof, water-proof, rust-proof.
- Semiconductor thyristor temperature control module is selectable, it can achieve automatic heating and cooling function.

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Technical Parameter

Model		TORPEDO
Certificate of Conformity		
Marking		Ex d II C T6 Gb/EX tD A21 IP68 T80°C
Cer.No.		CNEx16.0523X
Mechanical Features		
Material		304 Stainless Steel
Surface Treatment		Original Stainless Steel Color
Ingress Protection		IP68
Interface Spec		G-3/4"
Weight		≤8kg
Method of Installation		Wall Mounting
Camera		
Sensor Type		Sony Original Camera, 1/2.8-type Exmor R CMOS
Image resolution		1080p/59.94,1080p/50, 1080p/60, 1080p/30, 1080p/29.97, 1080p/25, 1080i/59.94, 1080i/50, 1080i/60, 1080i/30, 720p/59.94, 720p/50, 720p/60, 720p/30, 720p/29.97, 720p/25, NTSC*1, PAL*1
Minimum Illumination		Color: 0.01 Lux (F1.6, AGC on, 1/30s) B/W: 0.01Lux @ (F1.6, AGC ON)
White Balance		Auto/Manual/ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
Gain		16 leves adjustable
BLC		OFF/Up/Down/Left/Right/Middle/Auto
Electronic Shutter		1/1s~1/30,000s
Digital Zoom		12x
Signal-to-Noise Ratio		>52db
Lens		
Focal Length		4.3MM~129MM, 30x Optical Zoom
Zoom Speed		Approx.2.7s (Optical Lens, Wide-Tele)
Aperture Range		F1.6 to F 4.7
Electrical Features		
Power Supply		DC12V or AC110-240V
Working Current		≤2000mA
Infrared	Distance	30m/60m
	Wavelength	850nm
	Switch	Auto(≤10Lux)

Electrical Connectivity	Composite Cable
Environmental	
Rated Temperature	(-30℃ , +70℃)
Atmospheric Pressure	80-106KPa
Realative Humidity	≤95%RH(+25℃)