



Forklift Explosion-Proof Camera Solution

Model No. SE-01-002





Description:

Introducing the Explosion Proof Forklift camera: a safety solution for hazardous environments. Enhancing safety and productivity. Ideal for industries like oil and gas, chemical processing, and mining. Ensure compliance and minimize risks with this reliable system. Comes with-

1. 4 ex-proof Mini IR camera
2. Monitor
3. Mobile DVR
4. Outdoor Cables & Heavy Duty Plugs



1. Explosion Proof Mini IR Camera

Model No. SE-01-002



Features:

- Enhanced safety with clear visibility and elimination of blind spots.
- Versatility for industries like oil and gas, chemical processing, and mining.
- Compliance with II 2G Ex db and IP68 certifications for hazardous environments.
- Durable construction using 304 Stainless Steel materials.
- Flexible connectivity options including IP67 Waterproof GPS, 4G, Wi-Fi, and SD & SSD card slots.
- Equipped with infrared (IR) capabilities, ensuring visibility in low-light conditions within a range of 5-15 meters.
- Designed for easy setup, featuring a G-1/2" cable thread hole and versatile power supply options, including DC12V and Power over Ethernet (PoE).

Specifications:

Certificate of Conformity

Marking	II 2G Ex db II C T6 Gb / II 2D Ex tb III C(850)Db
Certificate No.	IEP 14 ATEX 0253

Mechanical Features

Material	304 Stainless Steel
Surface Treatment	Original Stainless-Steel Color, Electro polishing Optional
Ingress Protection	IP68
Interface Spec	G-1/2"
Weight	≤1.6kg [Stainless Steel]

Electrical Features

Power Supply		DC12V	
Working Current		≤1A	
Camera	Image Sensor		1/3'SONY Super EFFIO HAD / Exview HAD II CCD Sensor
	Resolution		700TVL/800TVL
	Lens		4mm/6mm/8mm/12mm
	Signal-to-Noise Ratio		> 75db
	Min. Illumination		0Lux (infra-red on)
Infrared	Distance		15-25m
	Wavelength		850nm
	ON/OFF		Auto(≤10Lux)
Electrical Connectivity		Aviation Plug	

Environmental

Rated Temperature	(-30°C+70°C)
Atmospheric Pressure	80-106KPa
Relative Humidity	≤95%RH (+25°C)

2. Wired Monitor 7"

Model No. SE-01-001/M



Specifications:

LCD	7" high gloss digital screen / 16:9
Resolution/brightness/viewing Angle (standard)	1024*600, LED 350- 400 CD/m ² , left and right - 70°, top -50°, bottom - 70°
CVBS input	Two video inputs, one reversing trigger V2
Special features	Light sensor function, automatic screen brightness adjustment for day and night, reversing delay, reversing scale
System	PAL / NTSC
OSD control	Brightness, contrast, colour, multi-language, mirroring, reverse delay
Power Requirements	Input 9-36V DC, output 12V
Other	High and low voltage protection and anti-phase protection, anti-shock pulse 60V 3A
Power Consumption	<5W
Waterproof/ dustproof rating	IP69K
Seismic rating	5.9G
Operating temperature	-20°C +70°C
Storage temperature	-30°C to 80°C
Wire interface	4PIN airline header with RCA female connector (optional)
External dimentions	188*127.2*34(79)mm
Exterior colours	Matt black all metal
Annexes	Remote control, power cord, user manual hardware U-bracket, removable sun visor

3. Mobile DVR

Model No. SE-01-001/D



Specifications:

Video	Video Input	Supports 4 channels CIF/HD1/D1/960H camera Video input Supports 4 channels 720P AHD camera Video input Supports 4 channels 1080P AHD camera Video input Supports 2-CH 720P AHD + 2-CH 960H analog mixing Video input Supports 1-CH 720P/1080P IPC + 4-CH 720P AHD/960H/D1/CIF Video input Supports 1-CH 720P/1080P IPC + 4-CH 1080P AHD Video
	Video Output	1 Channels (Rear Panel on RJ45&AV-OUT Port)
	Signal System	PAL / NTSC(PAL@100 frame 1080P/sec; NTSC@120 frame 1080P/sec)
Audio	Audio Input/ Audio Output	4 Channels / 1 Channel
Recording & Storage	Video Bit Rate	960H, 720P, 1080P
Alarm	Alarm Input/ Alarm Output	4 Channels / 2 Channels
Wireless communication	3G / 4G	Supported
	Wi-Fi	Internal Wi-Fi 802.11b/g/n/ac optional
GPS	Int'l Standard GPS	Internal GPS module. Real-time geographic coordinates, speed information
Operational Temperature	-25°C~80°C	Install in well ventilated area, protected from moisture, heat, dust and vibration. Confined by SSD temperature also
Weatherproof/ Water Proof	IP67	



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