

EX-S86

Explosion-proof High Speed Dome Camera

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Key features

- Intelligent variable speed function, PTZ speed automatic adjustment with the depth of field, 18X Optical Zoom
- 304 stainless steel surface treated with fluorine-carbon spray, elegant structure, explosion-proof, dust-proof, water-proof, rust-proof
- Built-in power converter, no need for additional ex-proof power supply box, the real integrated equipment, easy to install and saving cost
- Built-in heater, allow operation in low temperature, display the temperature of the inner of the dome and the ambient
- Low temperature environment and power protection
- Adopt high-quality motor, low-heat dissipating capacity, low-speed operation without jitters
- Matching a variety of camera options
- Application: 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.

Ordered Model:

EX-S86-700	Analog 700TVL
EX-S86-IP13M	IP 1.3Mega pixel
EX-S86-IP20M	IP 2.0Mega pixel

Accessory:

Spade PTZ Bracket	All steel, wall mount, pole mount, used for ex-proof Shield and PTZ, load 100kg
Universal Joint	Aluminum, used for proof shields and ex-proof cameras, load 30kg
Ex-proof Flexible Tube BNG	Diameter: ϕ 15mm Length: 1200mm Interface: rubber $\frac{1}{2}$ ", $\frac{3}{4}$ " stainless steel $\frac{3}{4}$ " Temp: -25°C ~ +70°C
Ex-proof Junction Box	Interface: $\frac{1}{2}$ ", $\frac{3}{4}$ "
Ex-proof Control Box	Stainless steel

EX-S86 is an explosion-proof High Speed Dome tailor-made for the rigorous requirements for hazardous areas. Featuring 304 stainless steel, 18X optical zoom, intelligent variable speed function, high quality motor, built-in power converter and heater, EX-S86 delivers the high image quality and reliability demanded in the most challenging environments.

Applicable for the factories with 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.

Technical Specifications

Product series		Explosion-proof High Speed Dome
Model		EX-S86
Mechanical features	Material quality	304 Stainless steel
	Surface treatment	Original stainless steel
	Anti-hazard classification	Ex dIIC T6 Gb / DIP A20 TA,T6
	Ingress Protection	IP66
	Interface spec	G-3/4"
	Weight	≤12.0kg (26.45lbs)
	Method of installation	Wall mounting
Camera	Dimension (L x W x H)	300mm x 300mm x 370mm/ 11.81"x11.81"x14.56"
	Resolution	SONY 480CP, IP1.3Mpix, IP2.0Mpix
	TV System	PAL/NTSC
	Lens	4mm/6mm
PTZ Function	Signal-to-Noise Ratio	> 75dB
	Max. Horizontal Angle	0-360°
	Max. Pitching Angle	± 90°
	Horizontal Speed	300° /sec
	Pitching Speed	1200° /sec
Electrical	Zoom	18X Optical Zoom
	Input voltage	DC 12V or AC 24V
	Working current	≤2A
Environmental	Electrical Connectivity	composite cable
	Working temperature	-30°C~+70°C / -22°F~158°F
	Atmospheric Pressure	86~106kpa
	Relative Humidity	≤ 95%RH (±25°C)
Certification		ATEX, CE, FCC