

EX-P87R

Explosion-proof IR PTZ Camera

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Key features

- 304(316) stainless or electro-polished
- Auto focus, high-resolution integrated camera
- Tilt Range from +90° to -90° from Horizontal
- Upright or Inverted Operation
- Full, two-year continuous-day warranty
- Support AC220V
- 960P or 1080P, Onvif compliant
- 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-P87R-700	Analog 700TVL
EX-P87R-IP13M	IP 1.3Mega pixel
EX-P87R-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-P87R is an explosion-proof PTZ Infrared camera tailor-made for the rigorous requirements for hazardous areas. Featuring 304(316) stainless steel, long-range IR distance, auto-focus, high-resolution integrated camera and upright and inverted operation, EX-P87R 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 IR PTZ Camera
Model		EX-P87R
Mechanical features	Material quality	304 Stainless steel (316 optional)
	Surface treatment	Original stainless steel or Electro-polished surface (optional)
	Anti-hazard classification	Ex dIIC T6 Gb / DIP A20 TA, T6
	Ingress Protection	IP66
	Interface spec	G-3/4"
	Weight	≤25.0kg (55.11lbs)
	Method of installation	Wall mounting
	Dimension (L x W x H)	283mm x 507mm x 397mm/ 11.14"x19.96"x15.63"
	Resolution	Analog 700TVL, IP1.3Mpix, IP2.0Mpix
Camera	TV System	PAL/NTSC
	Lens	4mm/6mm
	Signal-to-Noise Ratio	> 75dB
PTZ Function	IR Distance	80 meters
	Max. Horizotnal Angle	0-355°
	Max. Pitching Angle	± 90°
	Horiztonal Speed	6° /sec
	Pitching Speed	6° /sec
	Zoom	20X Optical Zoom
Electrical	Input voltage	AC 220V
	Working current	≤2A
	Electrical Connectivity	composite cable
Environment	Working temperature	-30°C~+70°C / -22°F~158°F
	Atmospheric Pressure	86~106kpa
	Relative Humidity	≤ 95%RH (±25°C)
	Certification	ATEX, CNEX, CE, FCC