



Model : **ON-EX-PTZS2-2MP** 304 Stainless Steel 2MP IP PTZ 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

- Highly integrated explosion-proof PTZ, explosion-proof decoder, smaller volume and lighter, more intelligent and advanced function.
- Hikvision zoom camera, 20x optical zoom, 12x digital zoom
- Apply for severe dangerous environment with variety flammable gas and dust, double side loading type design, camera, infrared lamp and other auxiliary lighting equipment can be collocated with.
- Stainless steel material, integrated design, the window adopts double plate water-proof tempered glass, impact resistance, good shielding and heat dissipation. Explosion-proof, dust-proof, water-proof, rust-proof.
- 360°horizontal rotation, -90°~+90°vertical, omni bearing monitor suspicious target.
- PD/PP protocol self-adaptive, RS422/485 communication method.
- RS-485 control functions, compatible with a variety of communication protocols and baud rate, and also able to react to various host orders.
- Optics class toughened ultra-clear white explosion-proof glass, flux rate higher than 96%, eliminate infrared light halo completely.
- Invisible nano wiper, non-stick water, non-stick oil, dust-proof.
- Semiconductor thruster temperature control module is selectable, it can achieve automatic heating and cooling function.

Technical Parameter

Model	ON-EX-PTZS2-2MP
Certificate of Conformity	
Marking	
Cer.No.	IEP 17ATEX 0549

Mechanical Features	
Material	304 Stainless Steel
Surface Treatment	Original Stainless Steel Color, Electropolishing Optional
Ingress Protection	IP68
Rotation Angle	Horizontal 0°~360°, Vertical-90°~+90°
Rotation Speed	Horizontal 0.1°/s~30°/s, Vertical 0.1°/s~30°/s
Communication Method	RS422/485
RS-485 Protocols	Pelco-P, Pelco-D, self-adaptive
Communication Baud Rate	2,400/4,800/9,600/19,200 bps
Interface Spec	G-3/4"
Weight	≤28kg
Automatic Scanning	1 (Menu control can set 5)
Automatic Cruise	1 (Menu control can set 8)
Tracking	1 (Record 200 instructions)
Max Carrying Capacity	10kg
Method of Installation	Wall Mounting & Upright Platform Installation
Camera	
Sensor Type	1/2.8" Progressive Scan CMOS Hikvision module
Image resolution	50HZ:25fps(1920X1080) 60HZ:30fps(1920X1080) 50HZ:25fps(1280X720) 60HZ:30fps(1280X720)
Minimum Illumination	Color: : 0.05Lux @ (F1.6, AGC ON) B/W: 0.01Lux @ (F1.6, AGC ON)
White Balance	Auto/Manual/ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
Gain	16 levels adjustable
BLC	OFF/Up/Down/Left/Right/Middle/Auto
Electronic Shutter	1/1s~1/30,000s
Digital Zoom	12x
Lens	
Focal Length	4.7mm~94mm, 20x Optical Zoom
Zoom Speed	Approx.2.7s (Optical Lens, Wide-Tele)
Aperture Range	F1.6-F3.5
Electrical Features	
IR LED	5 pcs IR – 80~100M
Power Supply	AC220V/DC24V
Working Current	≤2000mA
Electrical Connectivity	Composite Cable
Automatic Mode	Automatic Cruise or Any Setting Two Rounds
Pre-position	256 Location(Selectable)
Pre-position accuracy	Automic Correction Error
ONVIF	Support, and supports with Hikvision NVR
P2P and APP	Support, APP : Hik-Connect (language : Chinese, English)
Environmental	
Rated Temperature	(-30℃, +70℃)
Atmospheric Pressure	80-106KPa
Relative Humidity	≤95%RH(+25℃)