

Explosion Proof PTZ

Network IP Camera

Key Features

- Integrated explosion-proof pan/tilt, explosion-proof decoder.
- 2 MP HD integrated movement, 18X optical zoom.
- Suitable for hazardous environments with a variety of flammable gases or dusts, double side load structure design.
- It is made of stainless steel and has a simple and integrated design. The window is made of double-sided waterproof membrane tempered glass, which is shock-resistant and has good shielding and heat dissipation. Explosion-proof, dustproof, waterproof, rustproof.
- 360° horizontal rotation, -90°~+90° vertical rotation.
- PD/PP protocol adaptation, RS422/485 communication mode.
- RS-485 control function, compatible with a variety of communication protocols and communication rates.
- 30-100 m adaptive infrared viewing distance
- Optical grade high-strength, high-transmission, ultra-white explosion-proof glass with a luminous flux higher than 96%.
- Nano invisible wiper, non-sticky, non-sticky, repelling dust
- Optional semiconductor thyristor temperature control components for automatic heating and heat dissipation.



Applicable scene

- Shell is made of stainless steel, and the window is made of double-sided waterproof membrane tempered glass. The structure is reasonable and the appearance is simple.
- With preset position, automatic scanning, automatic cruise, tracing, watch position and other functions.
- Can be widely used in border defense, military, warehouse, ship, dangerous goods production and other important areas.

Technical parameters

Name	Explosion-proof IR Network PTZ IP Camera
Model	SVN-Ex-Y1SNB2
Explosion-proof certification	Ex d IIC T6Gb/Ex tD A21 IP68 T80° C
Certificate number	CNEx16.0556
Camera	
Image Sensor	1/2.8 Progressive Scan starlight CMOS Sensor
Focal length	18X F=4.7-84.6mm
view angle	56.7°~3.07°
effective pixels	1920*1080@60fps
min illumination	Colour:0.002Lux@F1.6,B/W:0.0002Lux@F1.6

S/N Ratio	≥50dB
WDR	120dB
Video Compression	H.264/H.265/MJPEG
PTZ Function	
Pan range	360°endless rotation
Tilt range	-90° ~ +90°
Pan speed	0.1°~30°/S
Tilt l speed	0.1°~30°/S
Preset positions	256 positions 8 tracking
Automatic scanning	1 CH
Watch	Can set 1 preset position, 1 automatic cruise route, 1 automatic scanning route, 1 tracking command
Tracing	1 CH,Record 200 instructions
PTZ control	Lens zoom adaptive
IR Function	
Distance	30-100m(Optional laser light :300-3000m)
Wavelength	850nm
switch	Auto≤10Lux (photosensitive automatic sensing)
General	
Power Supply	AC85~240V,DC24V
Power consumption	≤80W
Working Environment	-30℃~+65℃,Humidity: ≤95% RH (+25° C)
Communication Protocol	Pelco-P/Pelco-D adaptation
Baud Rate	2,400/4,800/9,600bps
Communication method	RS-485
Protection level	IP68
weight	38kg
size	507mm(L)×283mm(W)×397mm(H)
Material	304 or 316 stainless steel
Interface specification	G-3/4”
Bearer mode	Double side loading
Installation method	Wall or column
Front window	Nano double-coated tempered glass
Atmospheric pressure	80-106KPa
Electrical connection	Composite cable