

# 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.
- 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-YSNB2                                 |
| 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 I 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               | 100m  |
| Wavelength             | 850nm   |
| switch                 | Auto≤10Lux (photosensitive automatic sensing)   |
| General                |   |
| Power Supply           | 220VAC±10%; 24VDC±10%   |
| Power consumption      | ≤70W  |
| 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                 | 28kg  |
| size                   | 346mm (L) × 284mm (W) × 398mm (H)   |
| Material               | 304 or 316 stainless steel  |
| Bearer mode            | Single side load  |
| Front window           | Nano double-coated tempered glass   |
| Atmospheric pressure   | 80-106KPa   |
| Electrical connection  | Composite cable   |