

SVEX-PIP-2M-50MM

2 Megapixel Explosion Proof Thermal Camera



VEILUX[®]
The Art of Surveillance



Key Features

- Stainless steel 304 or 316L for corrosion resistance
- II 2G Ex d IIC T6 Gb / II 2D Ex tb IIIC IP68 T80°C Db
- Supports dual-sensor (thermal + visible) cameras
- Smart windshield wiper
- Auto aperture and focus for remote monitoring
- Auto baud rate/protocol recognition; software address setting
- Precision motor for smooth, stable, jitter-free movement
- Nano-coated glass resists oil, dust; no halation
- Low power design with internal heat dissipation
- Explosion-proof, waterproof, anti-corrosion for indoor/outdoor use

Certificate	
Ex-Level	ATEX II 2G Ex d IIC T6 Gb II 2D Ex tb IIIC IP68 T80°C Db
Ingress Protection level	IP66
Thermal Imager	
Sensor	640*512, 25Hz uncooled FPA Vox Detector (exchangeable camera module)
Thermal lens	50mm fixed
Wave length	8~14μm
NETD	≤50mK@F1.0,300K
Image processing	AGC,DDE
Lens	
focal distance	4.3-129mm, 30x
Aperture	F1.6 – F5.0
Horizontal view angle	65.5-2.11 degree (Wide-Tele)
Min-working distance	10-1500mm(Wide-Tele)
Zoom speed	Approx.3s(Optical Wide-Tele)
PTZ function	
Rotation range	Horizontal: 0~360° Vertical: ± 90°
Rotation speed	Horizontal: 0.1°/S~40°/s Vertical: 0.1°/S~40°/S
monitor inglocation	300 locations can be set
Communication method	RS485
Boad rate	2400 / 4800 / 9600 bps
Communication protocol	Pelco-D, Pelco-P etc.
monitor inglocation setting accuracy	±0.1°
Other	
Temperature range	-40°C ~ 60 °C
Relative humidity	< 95% (+25°C)
Atmospheric pressure	80kpa~106 kpa
Material	304 stainless steel(316, 316L for optional)
Supply voltage	AC220V
Inner Size	Φ100*230mm for both
Window	Φ65mm
Inlet hole specifications	G-3/4"X1
Electrical connection	10-core composite cable
Thermostat System	Optional
Installation method	bracket or base installtion