

Smart Thermal Image

Network PTZ Camera



Key Features

- Powerful zoom: 42x optical zoom, 12X digital zoom (camera optional)
- Image high definition: 1920×1080P, 2.0MP
- Starlight level ultra low noise: 0.005Lux@F1.5 (color) 0.0005Lux@F1.5 (B/W), 0Lux (IR)
- Control method: Ethernet / can pass IE browser and client software
- Thermal imaging: uncooled amorphous silicon type, focal length 25/50/75mm
- Pixels: 384 × 288 / 640 × 480, 17μm
- Protection level: IP66
- Input power: AC24V, 3.0A

Product features

- Built-in angle backhaul, linkage with GIS can realize the positioning function of monitoring target
- Intelligent temperature control device, waterproof and heat-dissipating design to ensure long-term stability of equipment
- Supports 13 palette functions such as white heat, black heat, iron red, and rainbow
- IP dual control, thermal imaging camera and visible light camera can control the pan/tilt and lens independently
- Supports power-off state memory function, automatically returns to the pan/tilt and lens status before power-off after power-on
- Support lens multiple size and pan/tilt speed adaptive function

Technical parameters

Model	SVN-PV805
Camera	
Sensor	1/2.7" IMX291 CMOS
Total pixels	2.0MP
Minimum illumination	Color:0.001Lux@(1.6,AGC ON), b/w:0.0005Lux(1.6,AGC ON)
S/N	>52dB
Video resolution	1920X1080@25fps; 1920X1080@30fps /1280X960@25fps; 1280X960@30fps
Lens focal length	F=7~300mm +-5%, 42x optical zoom

Lens aperture	F1.4~4.3
view angle	48.5-1 °(telephoto-wide angle)
Zoom speed	6S
Near camera distance	100mm~2200mm
Day/Night Switch	ICR
Thermal imaging camera	
Detector type	Vanadium oxide uncooled focal plane detector
Resolution	384×288/640×480
Wavelength band	8~12 μ m
Lens focal length	25/50/75mm optional
Pixel spacing	17μm
Image mode	HDR : Haitian mode, world mode
PTZ	
Pan Range	360° Continuous
Speed (H)	0.1~100°/S
Tilt Range	-90~45°
Speed (V)	0.1~20°/S
Positioning accuracy	0.1°
Presets	255
Automatic cruise	8 , the focal length matches the speed of the gimbal
Watch function	On/Off, automatically call the preset point after the specified time in the idle state
Video compression	H.264//MPEG4/ H.265
Audio compression	G.711a/G.711mu
Baud rate	2400/4800/9600/19200bps
Drive structure	Vertical drive: worm gear / horizontal drive: timing belt
Controller interface	Coaxial system RS485
External input	2CH alarm input
Output port	2 CH alarm output / 1 CH relay output
Accessibility	
Fan/heating	Real-time temperature detection; low temperature start, pure physical detection
Waterproof respirator	Built-in 2 waterproof respirators to reduce fog and condensation
General	
Power Supply	AC24V/50Hz
Power Consumption	60W
Working Environment	-40℃~60℃,0~95%(no condensation)
Protection level	IP66, built-in 4000V lightning protection, anti-surge and anti-surge protection
Installation method	Column, wall, corner
Entry cable	Side outlet / lower end outlet optional
Dimension	L355.0mm×W204.0mm×H443.5mm
Product weight	10kg
Bearing weight	≤8kg (including movement cover)
Bearer mode	Top load



Thermal imaging + visible imaging, Real-time Monitor

- Pan Range:360° Continuous,Tilt Range:-90~45°
- Dual-channel imaging, complementary day and night
- Speed(H):0.1~100°/S,Speed(V):0.1~20°/S



Wide working temperature, Smart defogging

- Built-in temperature control chip, silicone heater
- High temperature:60°C±2°C,Low temperature:-40°C±2°C
- Built-in Smart defrost and defogging parts



Remote cleaning window, clear image

- Support for configuring water tanks and nozzles
- Support for calling special presets, background control
- Water shortage alarm function



Precision parts for longer life

- The pulley is made of precision aluminum alloy
- The housing is made of precision die-cast aluminum
- Use a wider width drive belt



Turbine Worm Drive , Self-locking Safety

- Precision drive of turbine worm, smooth operation and low noise
- Self-locking to ensure safe use of core components



Waterproof and breathable, pressure balanced

- 2 waterproof breathable valves built into the shield
- Balanced pressure and better sealing performance

Dimension

