44X 1080P/60 fps IR Zoom IP PTZ Camera

Key Features

- Powerful zoom: 44x optical zoom
- Image high definition: 1920×1080P/60fps, 2.0MP
- Starlight level ultra low noise: 0.002Lux@F1.2 (color) 0.0002Lux@F1.2 (B/W), 0Lux (IR)
- VCSEL integrated zoom infrared fill light and lens follow-up zoom
- Remote optical axis adjustment: adjustment through IE browser and client software
- Supports optical fogging, penetrating smog procedures, and clear images
- 120dB optical wide dynamic
- Protection level: IP66
- Compatible with GB28181, Onvif2.4

Product features

- Supports power-off state memory function, automatically returns to the pan/tilt and lens status before power-off after power-on
- Embedded intelligent algorithm for multiple behavior detection, anomaly detection, intelligent identification and statistical analysis
- Support for scheduled task presets, pattern scanning, endurance scanning, left and right scanning
- Built-in intelligent temperature control, intelligent defogging, and wiper function for all-weather applications
- Rotation accuracy less than 0.1°, no jitter at any speed
- Supports three streams to meet the real-time streaming and storage stream requirements of different broadband frame rates

Technical parameters

Model	SVN-PV801
Camera	
Sensor	1/2.8" Progressive scanning CMOS
Total pixels	2.0MP
Minimum illumination	Color:0.002Lux@(F1.2,AGC ON), b/w:0.0005Lux(F1.2,AGC ON)
S/N	＞120dB
Video resolution	1920X1080@60fps；1920X1080@30fps；1920X1080@25fps；1280X960@60fps；1280X960@30fps；1280X960@25fps
Lens	
Lens focal length	F=5～220mm , 44x optical zoom
Lens aperture	F1.2~3.5,automatic / manual
Electronic Shutter	1/6~1/8000s,automatic / manual

Day/Night Switch	ICR	
Fill light	**IR Zoom**	
Complement distance	150m	500m
Lighting angle	5°-60°	2.5°-60°
Remote optical axis adjustment	Support IE browser and client software adjustment	
PTZ		
Pan Range	360° Continuous	
Speed (H)	0.1～100°/S	
Tilt Range	-90～45°	
Speed (V)	0.1～50°/S	
Positioning accuracy	0.1°	
Protocol	L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, DNS, DDNS, NTP, FTP, UPnP, HTTP, SNMP, SIP, etc.	
Compatibility	Compatible with ONVIF2.4, GB/T28181	
Information display	Time OSD, custom OSD	
Video compression	H.264//MPEG4/ H.265	
Audio compression	G.711a/G.711mu	
Baud rate	2400/4800/9600/19200bps	
storage	Support Micro SD storage, up to 128GB or Dual iSCSI data block direct storage	
Drive structure	Timing belt drive / precision stepper motor	
Smart		
Behavior detection	Cross-border detection, regional intrusion, entry area, departure area, defect detection, rapid movement, personnel gathering, illegal parking, remnant detection, item removal detection, automatic tracking	
Intelligent Recognition	Face detection, license plate recognition, mixed detection	
Abnormal detection	Abnormal sound	
Statistical Analysis	Passenger flow statistics	
PTZ Interface		
Video output	3GSDI(Female BNC),Network(RJ45)	
Controller interface	Coaxial system RS485	
External input	2CH alarm input	
Output port	2 CH alarm output / 1 CH relay output	
Accessibility		
Smart wiper	Manual control, speed gear is optional, can be controlled through the PTZ menu	
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/3.0A	
Power Consumption	60W/70W(IR ON)	
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	8.5kg	
Bearing weight	≤8kg (including movement cover)	
Bearer mode	Top load	

Wide range of rotation, high speed

- Pan Range:360° Continuous
- Tilt Range:-90~45°
- Speed(H):0.1~100°/S,Speed(V):0.1~50°/S

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

Remote cleaning window, clear image

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

Wide working temperature, Smart defogging

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

Remote laser Pan/tilt axis adjusting for best view

- Matching optical device remote optical axis adjustment mechanism
- Adjustable range and speed adjustable
- Through IE browser and client software Control adjustment

Waterproof and breathable, pressure balanced

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

Dimension