52X 1080P/30 fps 1500M Laser IP PTZ Camera

Key Features

- Powerful zoom:52x optical zoom
- Image high definition: 1920×1080P/30fps, 2.0MP
- Starlight level ultra low noise: 0.0005Lux@F1.4 (color) 0.0001Lux@F1.4 (B/W), 0Lux (IR)
- VCSEL integrated laser 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-52PTX903/1500
Camera	
Sensor	1/1.8" Progressive scanning CMOS
Total pixels	2.0MP
Minimum illumination	Color:0.0005Lux@(F1.4,AGC ON), b/w:0.0001Lux(F1.4,AGC ON)
S/N	＞120dB
Video resolution	50Hz:25fps (1920X1080,1280X960, 1280X720) 60Hz:30fps (1920X1080,1280X960, 1280X720)
Lens	
Lens focal length	F=6.1～317mm, 52x optical zoom
Lens aperture	F1.4~4.7,automatic / manual
Electronic Shutter	1/25s to 1/100,000s; Supports delayed shutter

HOV	61.8°-1.6°
Day/Night Switch	ICR
Fill light	**Laser**
Complement distance	1500m
Light emission wavelength	850±10nm(940\980nm)
Laser chip power	2.3W
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	64Kbps(G.711)/16Kbps(G.722.1)/164Kbps(G.726)/32-192Kbps(MP2L2)/16-64Kbps(AAC)
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	DC12V/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

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 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

Large internal space and strong compatibility
- Support for replacing drive motors with high load capacity
- Compatible with a variety of motors, load capacity can be adjusted

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

Dimension