

500M Laser 33X 1080P

AHD/TVI/CVI PTZ Camera



Key Features

- Powerful zoom: 33x optical zoom, 500M Laser IR.
- SONYIMX323 sensor 1920×1080P, 2.0MP
- Starlight level ultra low noise: 0.1Lux(color) 0.012Lux (B/W)
- Nextchip 2441H DSP
- Supports optical fogging, penetrating smog procedures, and clear images
- Protection level: IP66

Product features

- Supports power-off state memory function, automatically returns to the pan/tilt and lens status before power-off after power-on
- 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

Technical parameters

Model	SVN-33ATX902
Camera	
Sensor	1/3" Progressive scanning SONY IMX323+NVP2441
Total pixels	2.0MP 1920(H)*1080(V)
Effective pixel	Approx. 2.07M pixels
Day&night	Color/B&W/Auto
Minimum illumination	Color: 0.1Lux B&W: 0.01Lux
Synchronization	Inter-sync
Video output	AHD, 25/30fps
S/N	≥50dB (AGC OFF)
Lens	
IR CUT	IR CUT
Automatic aperture	Support
Optical lens	33X

FOV	68.5° (Far) / 4.2° (Near)
Fill light Laser	
Complement distance	500m
Fill angle	2.0° ~70°
Laser chip power	2.0W
Function	
Exposure mode	Auto/Manual
Signal format switching	AHD/CVI/TVI/CVBS
White balance	Auto/Indoor/Outdoor/Manual
Focus mode	Auto/Manual
Gain control	Auto/Manual
Picture effect	Auto/Color/B&W
BLC	ON/OFF
Mirroring	Support(LR+UD)
Image flip	Support
Wide dynamic	D-WDR
Digital noise reduction	2D/3D
Electronic shutter	1/30s~1/10,000s
contrast ratio	Adjust
saturation	Adjust
Fog	Adjust
Edge illumination compensation	Support
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°
Information display	Time OSD, custom OSD
Baud rate	2400/4800/9600/19200bps
PTZ Interface	
Video output	3GSDI(Female BNC)
Controller interface	Coaxial system RS485
External input	2CH alarm input
Output port	2 CH alarm output / 1 CH relay output
General	
Power Supply	DC24V/5A
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	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°C±2°C,Low temperature:-40°C±2°C
- 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

