33X 1080P/30 fps IR IP PTZ Camera

Key Features

- Support mainstream network module in the market
- Support infrared fill light
- Support all Netcom 2G / 3G / 4G
- Remotely reset the system and upgrade firmware through the network
- Support 12VDC power adapter
- Worm gear and worm drive, with self-locking function
- Minimum power consumption≤3W
- Protection grade: IP67

Wide range of rotation, high speed
- Pan Range:360° Continuous
- Tilt Range:-90～90°
- Speed(H/V):30°/S

Precision parts for longer life
- Worm gear precision machining
- With self-locking function
- High reliability and long service life

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

Built-in antenna, stainless steel handle
- Built-in 4G/wifi antenna to prevent transportation and construction damage
- Equipped with stainless steel handle, easy to transport and install

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

Product Highlight

- Low power consumption, the smallest can reach ≤3W;
- High reliability, protection grade IP67;
- Remotely reset the system and upgrade firmware through the network;
- Support GPS/Beidou, dual-mode positioning and time calibration (optional);
- Worm gear and worm drive, with self-locking function

Model	SVN-33PTX900D	
Camera		
Sensor	1/2.8" Progressive scanning CMOS	
Total pixels	2.0MP	
Minimum illumination	Color:0.001Lux@(F1.5,AGC ON), b/w:0.0005Lux(F1.5,AGC ON)	
Video resolution	50Hz: 25fps(1920*1080,1280*960,1280*720); 60Hz:30fps(1920*1080,1280*960,1280*720)	
Lens		
Lens focal length	F=5~180mm , 33x optical zoom	
Lens aperture	F1.5~4.0,automatic / manual	
Electronic Shutter	1/25~1/100000s,automatic / manual	
Day/Night Switch	ICR	
Fill light	**IR**	
Complement distance	>=100m	>=200m
Light emission wavelength	850±10nm	
Power	2.0W	4.0W
PTZ		
Pan Range	360° Continuous	
Speed (H)	0.1～25°/S	
Tilt Range	-90～90°	
Speed (V)	0.1～25°/S	
Positioning accuracy	0.15°	
3D function	supports the functions of picture frame enlargement, target locking and field center	
Information display	Time OSD, custom OSD	
Automatic cruise	Support, focal length matching with PTZ speed, 8 cruise scans	
Watch function	On/off, automatically call the preset point after staying in the idle state for a specified time	
Remote upgrade	Support remote upgrade of movement and gimbal at the same time	
communication protocol	PECLO+VISCA	
Real-time angle return	Support real-time angle return or query angle return function	
Angle control	Support	
Preset points \ cruise	Support 255 preset positions	
storage	Support up to 256g microSD / SDHC / SDXC memory card	
Smart(Optional)		
Behavior detection	Cross-border detection, regional intrusion, entry area, departure area, defect detection, rapid movement, personnel gathering, illegal parking, remnant detection, item removal detection	
Intelligent Recognition	Face detection	
Abnormal detection	Scene change detection, audio steep rise / steep fall detection, audio presence detection, virtual focus detection	
PTZ Interface		
Communication Interface	1 channel adaptive RJ45 Ethernet port	
RS485 controller interface	Support adaptive Pelco-P, Pelco-D and other protocols, baud rate 2400, 4800, 9600, 19200 optional	
External input	2 channel alarm input	
Output port	2 channel alarm output / 1 channel relay output	
Application Programming Interface	Support ONVIF 2.0, GD 28181 protocol, support SDK and third-party platform access	
Auxiliary function		
Smart wiper	Manual control, speed gear is optional	

Fan/heating	Real-time temperature detection, pure physical detection
Waterproof respirator	Built-in 2 waterproof respirators to reduce fog and condensation
GPS positioning	GPS/Beidou, dual-mode positioning and time adjustment (optional)
General	
Power Supply	DC12V/3.0A
Power Consumption	>=3W
Working Environment	-40℃～60℃,0～95%(no condensation)
Protection level	IP67, built-in 4000V lightning protection, anti-surge and anti-surge protection
Installation method	Column, wall, corner
Entry cable	Side outlet
Dimension	L342.0mm×W205.0mm×H290.0mm
Product weight	8kg
Bearing weight	≤3kg (Including module protective cover)
Bearer mode	Side load

Dimension