4MP Starlight 42X Optical

IP67 PTZ IP Camera



Key Features

- 42X 4MP 1/1.8" Starlight Progressive Scan CMOS
- Remotely reset the system and upgrade firmware through the network
- Support 12VDC power adapter
- Worm gear and worm drive, with self-locking function
- 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°C±2°C,Low temperature:-40°C±2°C
- 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

- 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



Technical parameters

Model	SVN-42PTX900D-V2	
Camera		
Sensor	1/1.8" Starlight Progressive Scan CMOS	
Total pixels	4.0MP	
Minimum illumination	Color:0.0005 Lux @ (F1.8, AGC ON); B/W:0.0001Lux @ (F1.8, AGC ON)	

AperturePIRISDay/Night SwitchICR cut filterDigital zoomIcKLensF-6.1*256m, 42x optical zoomLens apertureF-1.35*6.4, automatic / manualHorizontal Field of View61.28-2.06* (wide-tele)Minimu Working Distance100mm (wide-tele)Zoom SpeedApproximately 4.5s(optical, wide-tele)Compression StandartWide Science (Wide-tele)Video CompressionH.265 / H.264H.265 TypeBaseline Profile / Main Profile / High ProfileH.265 TypeBaseline Profile / Main Profile / High ProfileH.265 TypeBaseline Profile / Main Profile / High ProfileH.265 TypeBaseline Science (Wide-Tele)Maino Stirate22 Kbps-16KbpsAudio CompressionG.711a/G.711/G.72.21/G.725/MP212/AAC/PCMAudio Bitrate50Hz: 255p (2688*1520, 1920*1080, 1280*960, 1280*720)BaseSaturation, Brightness, Contrast and Sharpness can be adjusted via the citerit-side or browseBICSupportBurgeSupportExposure ModeAt/ Aperture Priority / Shutter Priority / Manual ExposureForus ModeAuto matic, manual, timing, alarm triggerBynynight SwitchAutomatic, manual, timing, alarm triggerBynynight SatellSupportDaynight SatellSupportDaynight SatellSupport SitellBynynight SatellSupport SitellBynynight SatellSupport SitellBynynight SatellSupport SitellBynynight SatellSupport SitellDaynight SatellSup	Shutter	1/25s to 1/100,000s; Support delayed shutter		
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Angle control Support	-			
רובאבר אטווונג / כרמואב בי אוועטרג באט אווטרוג	Preset points \ cruise	Support 255 preset positions		

storage	Support up to 256g microSD / SDHC / SDXC memory card	
Network		
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,NTP,SMTP,SNMP,IPv6	
Interface Protocol	ONVIF(PROFILE S, PROFILE G)	
Intelligent Calculation	0.8T	
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	1 channel alarm input	
Output port	1 channel alarm output / 1 channel relay output	
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	
Working Environment	-40°C~60°C,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	







