Key Features

- Stream:1920×1080,1280*720 @1-25(30)fps
- Support the P2P or Android,IOS.Onvif2.4
- 6PCS ceramic package array LEDS + 4PCS Laser light,IR distance 200m.
- 360 °continued rotation,Vertical Range -10°~90°,manual speed 0.5~100°/Preset speed 100°/S.
- Network:2G:GPRS/EDGE;3G:WCDMA/TD-CDMA;4G: FDD-LTE/TDD-LTE; Wi-Fi:802.11b/g/n.
- A grade monocrystalline silicon solar panel,120W/18V(two boards).
- Lithium battery can be equipped with 40AH/60AH/80AH
- Maximum output: 12V5A.
- Ordinary camera can supply at least 40~120 hours.
- Battery-specific waterproof box, with switch, aluminum alloy bracket.
- 2pcs camera-specific DC interface 7.Suitable for 4G speed dome camera, or ordinary IP camera (can be transmitted over wireless bridges).

PTZ camera feature

- **Humanoid Recognition intrusion detection based on AI intelligent analysis. Support preset position guards tracking and cruise tracking.**
- **Support auto tracking function, after finding the target that meets the intrusion rule, the dome will immediately rotate the target-centered position to zoom in and track the target motion. In this way, the monitoring personnel can see clear target characteristics and provide objective and realistic video data for the identity of the suspicious individual and the after-the-fact comparison.**
- **Support active defense intrusion function: After the target is found, the dome automatically turns to the target position, flashing the visible light, and the audio output line drives the live speaker to send out the voice.**
- **6PCS ceramic package array LEDS + 4PCS Laser light,I**R distance 200m.
- Resolution:1920*1080(2MP).
- All-weather environment design, high and low temperature resistant, waterproof to IP66.
- Using high precision synchronous reduction motor, with high performance motor drive, control precision, stable movement, small vibration.
- Continuous 360°pan turning, 90° tilt turning.
- Networking:2G:GPRS/EDGE; 3G:WCDMA/TD-CDMA; 4G:FDD-LTE/TDD-LTE; Wi-Fi:802.11/b/g/n.
- Network mode selection:Auto mode/3G-4G mode/WiFi mode.
- SSID can be set to hide or open, SSID name password can be modified.

- INTERNET WIFI funciton:When external WIFI accesses the Internet, you do not need 4G and use the external WIFI to access the Internet.

- Optimized H.264 compression algorithm, support dual stream, support mobile phone Remote monitoring, compatible with Android / iOS.

- P2P:Plug & play, Support QR code scanning to view on iPhone and android Mobiles.

- Abnormal automatic recovery, network outages automatically connect function.

- Breakage self-test repair: When the device fails to go offline on the public network, it is detected every 2 minutes and the connection is automatically reconnected.

- Support ONVIF.

- Supports static IP and also supports dynamic IP (DHCP).

- Motion detection, email alert, FTP upload.

- Built-in SD card slot, supports 128G TF card max.

- Support: Power off memory/Presets/4 groups cruise/A-B scan/**360° auto-scan.**

Technical parameters

Model	4G wifi PTZ Camera/SVN-20HT6024G
CPU	His3516EV300
Sensor	1/2.8" Sony CMOS(Sony335)
Resolution	1920*1080
Pixel	2.0M Pixel
APP	CamHi
Lens	4.7mm~94mm
ZOOM	20X Optical Zoom
Minimum illumination	0.01Lux
Day/night mode	Support IR-cut
IR distance	200M
Storage function	Support 128G TF card max
Motion detection	4 separate test areas can be set (Sensitivity can be set)
Alarm linkage	Send pictures by Email; pictures and videos uploaded to the FTP server
Manual speed	0.5-100°/S
Preset speed	100°/S
OSD	OSD name, time, date, information overlay
Video processing	Support H.265,H.264
Network interface	1 RJ45 Ethernet interfaces ,10/100M self-adaption; Suppert:CP/IP,HTTP,TCP,ICMP,UDP,ARP,IGMP,SMTP,FTP,DHCP,DNS,DDNS,NTP,UPNP,RTSP
Band information	WiFi AP: 802.11/b/g/n
	TDD-LTE: Band 38/39/40/41
	FDD-LTE: Band 1/3
	WCDMA: B1/B8

	TD-SCDMA: Band 34/39
	GSM/GPRS/EDGE: 900/1800
A-B Scan	1
cruise	4 groups
Preset number of cruise groups	10 preset/ groups
waterproof	IP66
Lightning protection	4000V
Working temperature	(-20℃～+60℃)
GW	3.9KG

Name	solar panel iptional for all 4G wifi Camera or IP PTZ Camera		
Description	SVN120W-40A/H	SVN120W-60A/H	SVN120W-80A/H
Solar panels			
Maximum Power(Pmax)	120W(60W*2)		
Maximum Power Voltage(Vmp)	18V		
Maximum Power Current(Imp)	1.66A		
Open-circuit Voltage(Voc)	21.4V		
Short-circuit Current(ISC)	1.83A		
Cell Type	A grade monocrystalline		
No.of cells	72(4*9*2)		
Dimensions	670*535*25mm(single solar panel)		
Weight	3.8kg (single solar panel)		
Front Glass	3.2mm,Anti-Reflection Coationg,High Transmission,Tempered Glass		
Frame	Aluminum Alloy		
Battery			
Nominal capacity	40AH	60AH	80AH
Out voltage	DC12V(2 DC interfaces)		
Output Current	≤5A		
intermal Resistance	≤300mΩ		
Battery charge	Standtd Charge:2A quick Charge:4A		
Fully charged time	4H	8H	12-14H
Cycle life	>500times		
Overcharge protection	DC12.6V		
over discharge protection	DC9V		
Charging	0℃~45℃		

Temperature			
Discharging Temperature	-20℃~60℃		
Storage Temperature	-20℃~40℃		
weight	3Kg	4.5Kg	6Kg
Power supplu time	Power supply time=(Battery capacity x out voltage)/Camera Power		
Max Power/Average power(Calculated with 4G Camera Power)	22h/31h	33h/46h	44h/61h
Bracket			
Installation method	Wall mounted		
Dimensions	1100*700*400mm		
Weight	5Kg		
Other Packing list	solar panels *2 Lithium Battery *1 Bracket *1 Expansion Screw*4		
Total weight	15.6Kg	17.1Kg	18.6Kg

Dimension