

# Solar Power Outdoor Wifi/4G

## 20X 1080P 200M IP camera

### Key Features



- Stream:1920×1080,1280\*720 @1-25(30)fps;
- Support the P2P or Android,IOS.Onvif2.4
- 5pcs High quality array LEDs,3pcs Laser LEDs,auto-switch to long/middle/close distance focus,200M IR distance.
- 360 °continued rotation,Vertical Range -10°~90°,manual pan speed 0.5~60°/S,manual tilt speed 0.5~60°/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)

### Technical parameters

Name/Description	HD IP 6" 4G wifi PTZ Camera
<b>Camera</b>	
Image Sensor	1/2.9" 2.0Mpixels Progressive Scan Sony 323 CMOS
Effective Pixels	2.0 Megapixels
Min.illumination	Color:0.05lux,0 lux with IR
Zoom	20X optical,F=4.7-94mm
Day/Night	Auto ICR
WDR	D-WDR
OSD Display	OSD name,time,date,information overlay
<b>IR</b>	
Luminary	8PCS infrared lights
Night vision Distance	200m
Lamp control	CDS Control
<b>Network</b>	
Video Compression	H.265/H.264
Streams	Dual streams
Frame Rate	Main stream:1920*1080,1280*960,1280*720,D1(704*576),1-25(30)fps
	Sub-stream:D1(704*576),VGA(640*480),640*360,568*320,CIF
Bitrate	CBR/VBR,bitrate:200-8000Kbps
P2P	Android,IOS(iCute Cam)

Protocol	TCP/IP,HTTP,TCP,ICMP,UDP,ARP,IGMP,SMTP,FTP,DHCP,DNS,DDNS,NTP,UP NP,RTSP		
Motion detect	Support		
Privacy Zone masking	Support		
Onvif	Onvif2.4		
Network	10/100M Base-TX Ethemet,RJ45 Connector		
2G	GPRS/EDGE(900/1800)		
3G	WCDMA(Band1/8)/TD-CDMA(Band 34/39)		
4G	FDD-LTE(Band 1/3)/TDD-LTE(Band 38/39/40/41)		
Wifi	802.11b/g/n		
Mini SD Card	Support(Up to 128GB)		
Alarm I/O	N/A		
Audio I/O	N/A		
CVBS Output	N/A		
Reset Button	N/A		
<b>Name</b>			
solar panel iptional for all 4G wifi Camera or IP PTZ Camera			
Description	SVN120W-40A/H	SVN120W-60A/H	SVN120W-80A/H
<b>Solar panels</b>			
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		
<b>Battery</b>			
Nominal capacity	40AH	60AH	80AH
Out voltage	DC12V(2 DC interfaces)		
Output Current	≤5A		
internal 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 Temperature	0°C~45°C		
Discharging Temperature	-20°C~60°C		
Storage Temperature	-20°C~40°C		
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
<b>Bracket</b>			
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