

New energy resources, low power consumption

Solar Power Camera



Notice

- >Please read this manual completely
- >Charge the equipment 8 hours before the first use, with the lithium battery switch on but camera disconnected.
- >Install the equipment in outdoor environment with clear sight to sunshine
- >Plug in or pull out SIM card only when power off (4G products)
- >All rights of final explanation reserved

Note: Instructions with * is special for 4G products



By default,solar panel is to install on pole, and camera is to install on pole or wall.

According to different installation environments,two types of brackets and installation methods are optional, seen as below:

01 Installation and Use



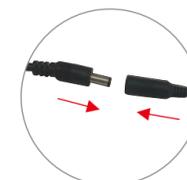
1: As shown on the left picture, without storage battery model, fix the bracket to the corresponding screw holes on the solar panel back side.



2:As shown on the left picture, with storage battery model, use the hexagon wrench to fix the anti-wind bracket to the four corresponding screw holes on the storage battery box.



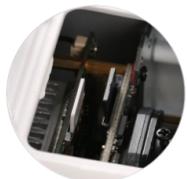
3: Fix the camera to the position with holes on the bracket.



Plug the DC jack of the camera in the battery power connector. If the cable is not long enough, use the power extension cable in the package.



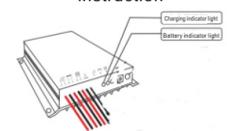
Switch on the power to start using it.



*If the camera has 4g function or with TF card slot,please open the camera housing to insert SIM card or TF card first.

Note: SIM card and TF card do not support hot-plug and pull. Please keep the power off during this operation.

Remark: Charging instruction

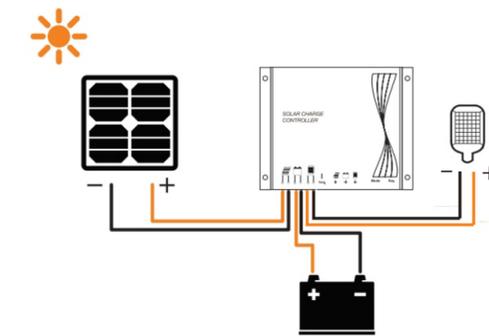


This system contains charge-discharge protection and light indication function, referring to the indicator light on the left picture. Function details are as follows:

During operation,status indicators show as below.

LED lightA	IndicationA	StatusA	FunctionA
A	ChargingA	Normally onA	With voltageA
		Normally offA	NA voltageA
		Slow blinkingA	Under chargingA
		Fast blinkingA	OvervoltageA
A	BatteryA	Normally onA	Working properlyA
		Normally offA	No connectionA
		Slow blinkingA	UndervoltageA
		Fast blinkingA	Over dischargeA
A	Load indicator	Normally on	Load on
		Normally off	Load off
		Slow blinking	Overload protection
		Fast blinking	Short circuit protection

If the storage battery purchased on the local market, three series of ternary lithium batteries are recommended, the connection of the solar panel, charge controller, and the battery is as below:



The battery power output to the camera refers to the selected battery usage.

IOT(Internet of things) model option: refer to the corresponding mobile app and user manual for the remote monitor and control funtion.

*4G model

Factory default IP address: 192.168.100.88
Username: admin , password: admin
Scan the QR code on the camera with mobile App to get P2P ID or input the P2P ID directly to access to video.

Note: 4G device could generate hotspot by its internal WiFi. Use your mobile phone to search WIFI named: MiFi-XX or 4G-XX, password: 1234567890. If this WiFi allows internet access, indicating that the 4G signal is working normally.

Non-4G model

1: Local network viewing
1.1: Connection and setting
Factory default IP address: 192.168.100.88
Username: admin, password: admin
Local network viewing requires the computer and the camera are connected in the same network segment.
While the computer and camera are connected to the same switch by network cable, the indicator light blinking means working properly.



02 Video Connection

1.2: IE browser viewing

1.2.1: Start the IE browser and input IP address. If the IP address has changed, you could use the search tool or client software to search IP address.

1.2.2: Install plugin, and input username and password on the login page.

1.2.3: PTZ interface control is available when there is a motorized lens or PTZ device.



2.PC client software installation

2.1: Open the CD/U disk from the package, find the LAN PC client software: IpCamClient, double click and complete the installation by steps. Default login: admin, Password: null.

2.2: Click Adding device, search IP address at LAN network, select the searched device, add it and done.

2.3: Double click the IP address on the main interface to get a channel, double click the channel to make a live video.



3:WLAN viewing

3.1:Obtain the P2P ID number for WLAN viewing
After successfully using IP address to view video at LAN network, you could find its UID number (cloud P2P ID number) on network Settings.

3.2:PC client cloud viewing
Install the remote P2P software: HiP2PClient, login with username: admin, password: null, and input UID number.

3.3:Mobile phone viewing
Scan the below QR code by Android phone/ iPhone to download the APP. Android phone users can also get this APP from the CD or U disk. App name is Camhi.



Android /IOS mobile app QR code

Still use the UID number to add camera, and wait for the camera to connect successfully.

4: WiFi settings

Referring to the previous steps about LAN network viewing, while video appears, search the signal in IE browser or client software, as steps:"parameter setting"->"network setting"->"wireless setting"->"enable"->"search" , find the right wireless router signal, input the wifi password and connect. Disconnect the network cable after wifi connects successfully. Power-off and restart the camera.

Package as below, includes solar panel (with or without storage battery), camera, antennas(for 4G/WiFi model only), screw pack, installation bracket, fastening piece and hoop, power extension cable, manual, CD.



Short working time

- >Please check if the solar panel output cable is connected properly.
- >Please check if the solar panel is not blocked by obstacles during sunshine time.
- >Please check if the solar panel installation angle is 45 degrees.

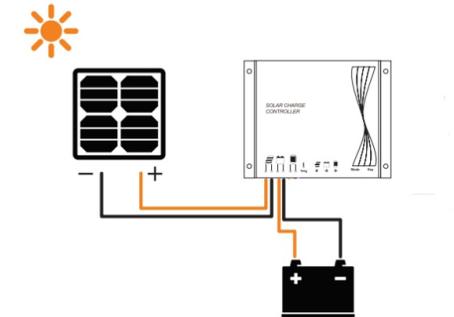
*4G camera cannot be connected or not stable

- >Camera IP address:192.168.100.X, and X should not be 1,This network segment 100 should not change. Otherwise, the 4G camera could not get online.
- >Use mobile phone to connect the camera's WiFi hotspot and see if WLAN could be used successfully or not. If not, please check if the telecom frequency band is compatible or not, and check if the solar system voltage is normal or not.

03 Packing list

04 FAQ

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