



C390/C390S Battery video alarm camera

User Manual V1.0



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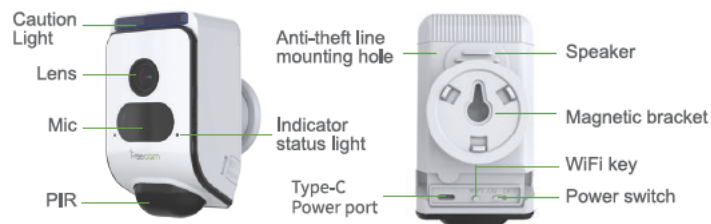
The C390/C390S is a smart siren and flash alarm camera that can be battery powered for long-term operation.

- It only works when the PIR triggers the alarm or APP wakes up remotely. It usually keeps online with the way of deep sleep and low power consumption.
- The C390/C390S Can automatically "woken up" if it detects the motion events within its field of alarm, Simultaneously push pictures and notify users and automatically recording in the cloud.
- C390/C390S can wake up at once at anywhere&anytime and get remote live view on Mobile phone.
- Automatic sound and light alarm at night.
- Long-term work under normal sunshine conditions in most parts of the world (only for C390S).

1 Exterior diagram

Prior operation of the camera, please carefully read and follow the installation and operation instructions.

A) C390



B) C390S



2 Accessories

A) C390



① Type-c charging cable x1	② Magnetic bracket x1
③ Anti-theft line x1	④ Screw set x1
⑤ Manual x3	

B) C390S

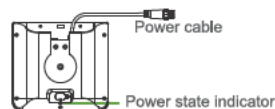


① Type-c charging cable x1	② Magnetic bracket x1
③ Anti-theft line x1	④ Screw set x1
⑤ Manual x3	⑥ Extension cable x1 (1 meters)
⑦ Bracket for solar panel x1	

3 Camera Indicator Light Status

Indicator light status	Description	Solution
Indicator blue light is blinking	Waiting for configuration	
Indicator red light is blinking	Connecting to the WiFi	If it blinks over 2 minutes and still can't connect success, please reset device and check the router's WiFi signal
Indicator light is off	Normal operation or power off	

Solar panel Status



Power state indicator

Indicator light status	Description
Blue Light on	External charging
Light off	No charging

4 Installation Illustration

1) Check the strength of the WiFi signal at the location where you would like to position your camera by using your smartphone.



5 Technical parameters

Items	Specifications	
Product model	C390	C390S
lens	2.8mm / 120 degrees	
Video	H.264 encoding	
Audio	support two-way audio	
WiFi	Support IEEE802.11b/g/n protocol(2.4GHz)	
Infrared LED	Support	
PIR motion detection	Motion detect range ≈ 9-27 feet partitions for set up	
Storage	Built-in TF card or Cloud storage	
P2P	Support	
Low-Battery power indicator	APP support	
Solar panel	/	Maximum output current is 200mA@5.5V
Battery Standby	6800mAh, 10-20 times triggered/day. The battery long last over 180 days.	6800mAh, Charged the solar panel can keep the camera activates 10-20 times per day life time operating.
Dimension	Camera: 74*63*112mm	Solar panel: 154*144*40mm
Net weight	Camera: 260g	Solar power kit: 480g
Waterproof level	IP 55	

- 2) Switch on the camera power.
- 3) For the time the blue light is blinking, if not, please press the WiFi key for 3-5 seconds for reset. Add the camera to the app. (Please refer to the APP instruction manual)
- 4) The indicator light operation process from—blue light blinks—red light blinks—off. The camera enters normal operation mode (sleeping mode).
- 5) Install the solar panel (only for C390S).
- 6) Positioning your camera and install it.

C390 installation:

Tear off the sticker and paste it on a chosen location, drill the holes and drive in expansion bolts.

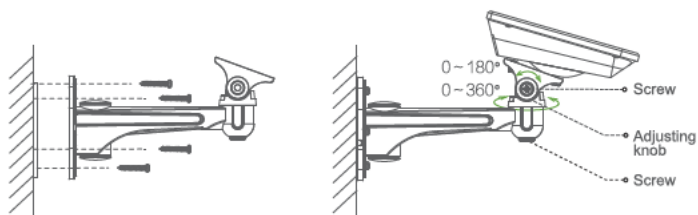
Installation for the solar panel:



Notice

Prior installation of the camera, please charge it over 6 hours to a DC5V/1A regular smartphone power adaptor until the charging indicator light goes off by using the enclosed USB cable.

C390S Installation



1 Place the bracket aligned with the sticker, screw the bracket into the hole which drilled on the wall and screw the solar panel on the bracket afterwards.

2 Ideal location for installation.

2.1 Choose a location and direction where has as the most sufficient sunlight as possible for the solar panel installation.

2.2 Mount the solar panel on a wall or roof and connect the power line to the camera. The yellow indicator on the panel and camera will be solid on when catch the sunshine.

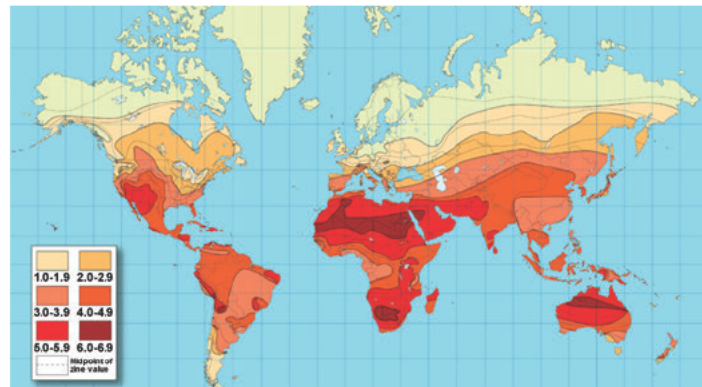


Fig. 1

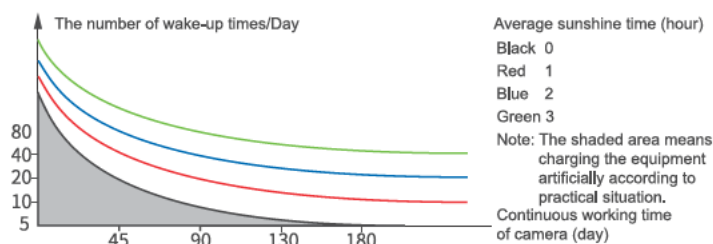


Fig. 2



Notice

If the camera detects false alerts frequently, you have option to turn off the motion detection function by selecting "Security" in APP and turn off the "Motion Detection" function in "Protection" menu.

FCC ID:2AJPAC390S

FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

6 FAQ

1 Device adding failure?

Failure device adding to the app

Solutions:

- ① Make sure your router working properly (only supports 2.4GHz WiFi), and "Mac addressing limitation" option is "not enabled".
- ② Check the WiFi indicator light status, if it blinks red, reset the camera by pressing on the WiFi key for 3-5 seconds, enter password of the router and make sure there is sufficient WiFi signal. repeat device adding process.

2 Can I use the PC to read the camera TF card contents?

When the camera connecting WiFi, the recorded videos can be played back on the app. The PC software can also derive the videos as AVI format in LAN. Or use the card reader connects the TF card to the computer, playback on the PC software.

3 Why the camera battery goes out so quickly?

- ① The camera is triggered frequently by frequent moving objects.——Turn off the "Motion Detection" or adjust the camera direction out from the filed with frequent moving objects for reduction of camera triggering.
- ② Solar charging can only maintain normal camera operations, if solar energy is not sufficient enough for camera consumption, under this condition, you need to charge the camera with a power adaptor manually when you are reminded of low power.

* Please follow the link: www.freecamglobal.com for more FAQ(Frequently Asked Questions) solutions

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