WiFi Solar Security Camera

User Manual

V25.12

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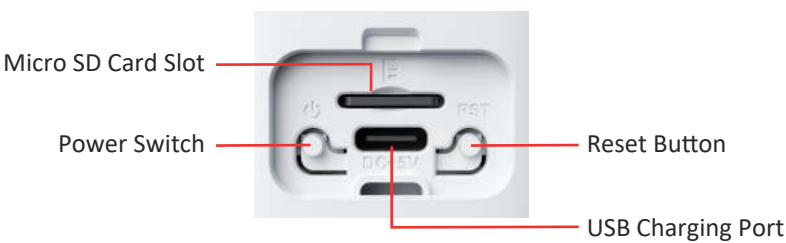
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Lens
Spotlight /
Infrared Light
Working Indicator
Charging Indicator
Light Sensor
PIR Sensor
Microphone


Micro SD Card Slot
Power Switch
Reset Button
USB Charging Port

WARRANTY

Thank you for purchasing our product.

For any issues with the cameras, feel free to contact us via email or live chat. We'll respond within 12 hours.

Email: support@hosafe.com
24x7 Live Chat: Ubox App Online Support
Call Center: +1-888-651-0710

During the warranty period, if the camera malfunctions and cannot be repaired, we will provide a replacement free of charge.

Multi-language user manual and tutorial video available at the link below:
https://www.hosafe.com/pages/user-manual-11961208.html

1. Preparation Before Setting up the Camera

- 1.1 This WiFi camera only works with 2.4 GHz WiFi, please make sure your router has 2.4 GHz WiFi signal. (Most routers support both 2.4 GHz and 5 GHz WiFi. Please connect your phone to the 2.4 GHz WiFi before setting up the camera.)

- 1.2. UBox App Download & Installation

  Search for "**UBox**" in the App Store / Google Play Store, or scan the QR code below:

iOS

Android

Note:

Please allow all permissions when you first open the app!!!

1.3. Account Registration and Login



2. Add the Camera to the UBox App



① Tap “Add a Device”



② You need to turn on Bluetooth.
Tap “On”

(If your phone's Bluetooth is already on, please skip this step.)



③ Tap “Setup WiFi Device”



④ Turn on the camera
The blue indicator LED will blink, or you will hear the voice prompt “The camera is now ready to begin pairing” which means it’s ready to be added to the UBox app.



⑤ Tap “Yes” if you hear the pairing prompt.
Tap “No” if you don’t.



⑥ Tap “OK”

(When your phone's Bluetooth is turned on, the app system will automatically detect your device.)



⑦ By default, the device name is “Device” and the group is “My home.”
You can rename as needed.

Tap “Next”



⑧ Enter your home WiFi name and password (must be 2.4 GHz; if your phone is on 5 GHz, switch to 2.4 GHz first).

Tap “Configuring devices” to get a QR code.



⑨ Place the QR code in front of the WiFi camera. Once scanned successfully, you will hear a confirmation voice.



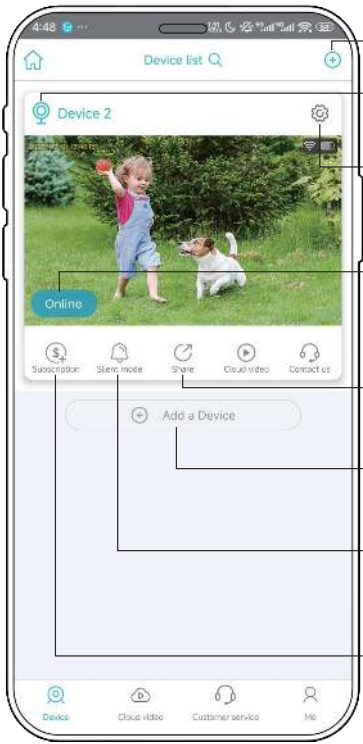
⑩ Camera added successfully!
Tap “OK”



⑪ You can see the camera in the device list. Tap the camera view square to watch the live view.

3. App UI Introduction

- 3.1 Enter the Interface of the APP



Add a new camera

Camera Name (you can edit it in setting page)

Basic Settings
(UID, cloud service, delete device)

Camera Status: Online/Offline

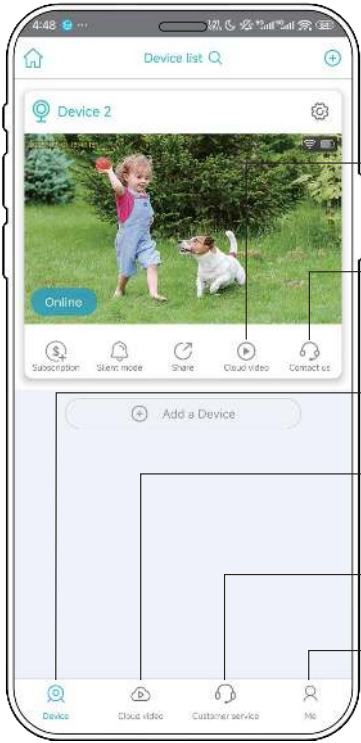
Share your camera with others

Add a new camera

Notification Switch. If a slash is displayed, it means mute is enabled and you will not receive notifications.

Cloud storage subscription

3.1 Enter the Interface of the APP



View/download videos in cloud storage

Customer Service, 24/7 Live Chat

Device List

View/download/delete videos in cloud storage

Customer Service, 24/7 Live Chat

App General Settings and FAQs

3.2 Enter the Live Feed



HD/SD switch (HD=High Definition, SD=Standard Definition)

Number of Viewers

Battery Level (, ,)

WiFi Signal

Fullscreen Button
Tap to view the video in full screen.

Cloud / SD Switch
Cloud Storage Mode is shown by default. We offer a 30-day free trial of cloud storage. Once activated, you can view your cloud recordings. If an SD card is inserted, tap the icon to switch to TF Card mode and view the recordings stored on it.

Click the play button to view the video.

Click on it to select the video that you want to delete.

3.2 Enter the Live Feed



Device settings (For detailed settings, please refer to the next page.)

Floodlight & Infrared Switch
When the floodlight is on, night vision is in color; when infrared is on, night vision is black and white.

Record and save the video to your phone. (Please allow the app to access your photo album.)

Microphone ON/OFF (default: OFF)
Turn on to talk to the person near the camera. (Microphone permission is required on first use. To avoid wireless interference or noise, please test at least 15 ft away from the camera)

Take photos and save them to your phone. (Please allow the app to access your photo album.)

Speaker ON/OFF (default: OFF)
Turn on to hear sound from the camera side.



Edit device name

Manage storage methods
(Cloud storage & SD card)

Adjust the direction of image

Motion Detection and Sensitivity Switch

Motion Detection Schedule

The recording duration when the camera is triggered (default: 10s).
If you select a longer time, the battery will drain faster.

Camera Siren Switch
(If set to ON, the camera will sound a siren when triggered to scare away intruders.)

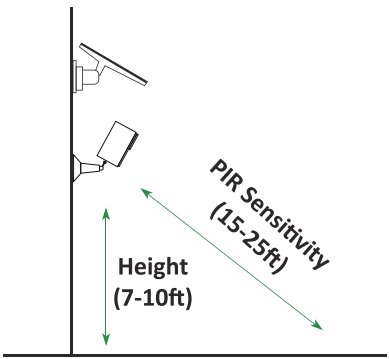
Working Indicator Switch

4. Camera Installation

- 4.1 Please install the camera in an open area with sufficient sunlight.

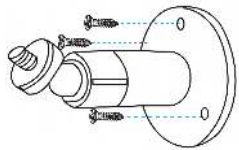
- 4.2 Please do not install the camera too high, because the PIR sensor's working distance is only about 15–25 ft. To make sure the motion sensor works well, the installation height should be 7-10 ft.

- 4.3 Please test the WiFi signal strength before installation. The signal should be Medium or Good at the chosen location.

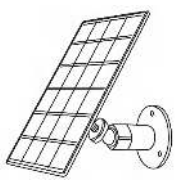


5. Solar Panel Installation

- 5.1 Choose a location with direct sunlight and fix the solar panel bracket

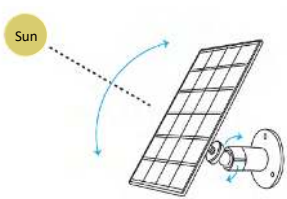


- 5.2 Install the solar panel

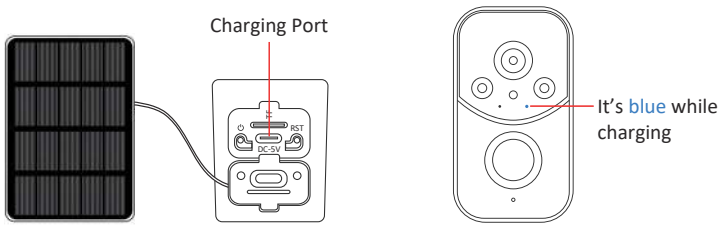


- 5.3 Adjust the solar panel direction to make sure it could get direct sunlight

- 5.4 Fix the solar panel power cable to the camera bracket using a cable buckle (a swaying cable may get disconnected from the camera).



- 5.5 When connecting the solar panel to the camera, fully open the rubber cover, pass the power cable through the rubber port first, then plug it securely into the camera's power port. Finally, close the rubber cover tightly. (These steps will help avoid the plug loosening.)



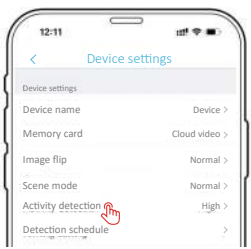
- During the day, when the solar panel is charging the camera properly, the charging indicator will turn blue, and a charging icon ( ) will appear on the live feed in the app.

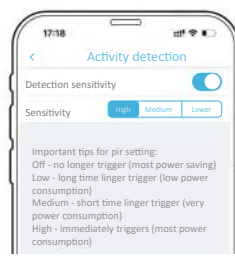
  (Make sure the camera remains charging during the daytime. Otherwise, the connection may become unstable and you may need to reconnect it.)

6. PIR Motion Dection

- 6.1 PIR Detection Distance: PIR sensitivity High: 25ft
  PIR sensitivity Low: 10ft

- 6.2 By default, the PIR sensitivity is set to High. If you want to turn off motion detection or adjust the sensitivity, please go to Settings → Activity Detection.



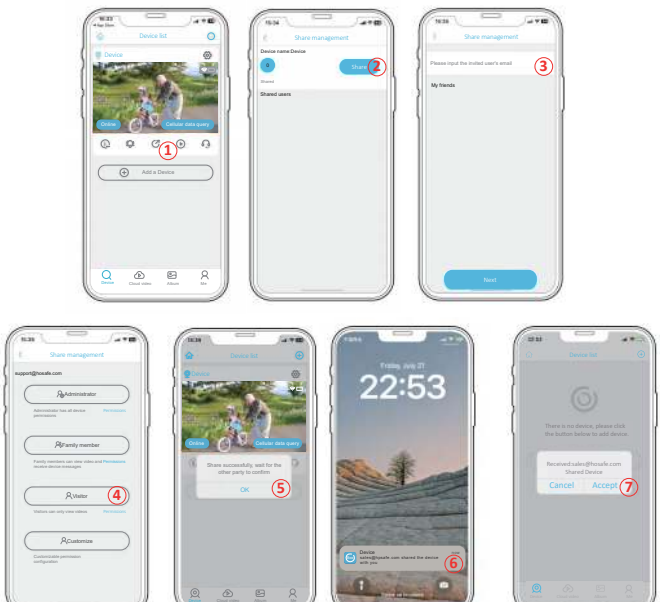


- 6.3 What if I don't receive a motion detection alert?
  a. Please make sure"Detection sensitivity" is ON in camera settings.
  b. Go to your phone's Setting page -> Notification -> UBox App -> Notifications ->Turn on "Allow Notifications"
  c. Reboot your internet router, the camera, and your phone, and make sure the camera get a strong Wi-Fi signal.

- PS: iPhones usually do not have issues receiving alerts. For Android phones, please check the phone settings and ensure that permissions are granted for the UBox app.

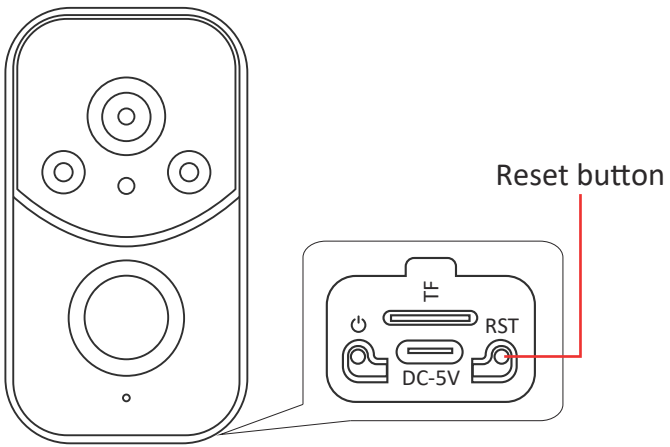
7. Share the Camera With Multiple Users

- Please ask the invited user to **download** the UBox App, **register** a new account, and **log in**. Then follow the steps below to complete sharing.(Steps ①~⑤ are on your phone; steps ⑥~⑦ are on the invited user's phone.)



8. Camera Reset

Press and hold the reset button for 5 seconds. Release it when you hear a ‘Ding’ or the voice prompt ‘System Reset.’ The camera will restart within 1 minute and can then be set up as new.



9. FAQs

Q: What should I do if my router is 5G WiFi?
A: The camera supports 2.4 GHz WiFi only. Most routers with 5 GHz also provide 2.4 GHz. On your phone, go to WiFi settings and select the 2.4 GHz network (usually the same name as your 5G network). Connect your phone and set up the camera on this network. After setup, you may reconnect your phone to 5G WiFi.

Q: Why doesn't my camera stay online?
A: The battery may be low, or the camera may be too far from the WiFi router to maintain a stable signal. Try moving it closer and restart both the camera and the router. If the problem is distance-related, consider using a WiFi extender.

Q: Why does the camera battery drain so fast?
A: The camera sleeps when there is no motion. It wakes up and records when the PIR sensor is triggered. If there are too many triggers, the battery will drain quickly. If there are too many false alarms, please turn down the sensitivity.
Please also make sure the solar panel is properly connected. There should be a charging icon on the live view during the daytime. If there is no icon, the solar panel is not connected correctly and will not charge the camera, which will cause the battery to drain quickly.

Q: Why can't I set up the camera to connect to the WiFi router (pairing unsuccessful)?

A: ① Please install the correct app: UBox. ② Ensure the camera is close to the same WiFi router that your phone is connected to. ③ Make sure your WiFi router supports 2.4 GHz WiFi, as the camera only works on 2.4 GHz and does not support 5 GHz. ④ When powering on a new camera, you should hear the voice prompt: “The camera is now ready to begin pairing.” If you do not hear it, please reset the camera. ⑤ If the red/blue LED does not light up when the camera is turned on, charge it first using a power adapter.

Q: Why doesn’t my camera work after a few days?

A: The battery may have run out if the solar panel is not charging properly. First, recharge the camera with a 5V power adapter. Then reconnect the solar panel and check that the charging LED is blue during the day. If power is not the issue, move the camera closer to the WiFi router and restart both the camera and router.

Q: How can I delete the videos from Cloud storage or SD card?

A: Cloud Storage: In the app, you can select individual videos and delete them directly. SD Card: To delete videos, remove the SD card and delete them one by one on a computer, or format the SD card in the app to erase all recordings.

Q: Why does the solar panel not charge?
A: The connection between the solar panel and the camera may be loose. When connecting the solar panel for charging, open the rubber cover, pass the power cable through the rubber hole, plug it into the camera's power port, and then close the cover. Ensure the charging indicator turns blue while charging during the daytime.

Q: Can I use the camera without WiFi?
A: The camera must first be set up with WiFi, otherwise it cannot be added to the app. If WiFi is later disconnected, the camera can still be triggered and save videos to the SD card. Once WiFi is restored, you can play back the recordings in the app.

Q: How can I make it work if I change my phone or WiFi router?
A: If you get a new phone, simply install the UBox app and log in with your original account—the camera will still be available. However, if you change your WiFi router, you need to reset the camera, delete it from your account, and set it up again as a new device.

Q: Why doesn’t the SD card record videos?
A: First, make sure the SD card is installed correctly. In the app, go to Device settings → Storage management; if installed properly, you should see the card’s capacity displayed. We recommend using a reliable brand SD card (such as SanDisk or Samsung). Fake or poor-quality SD cards may show capacity but fail to record, or they may record only a few videos and cannot overwrite old files once full.

Q: Why can't I receive notifications on the phone app?
A: Please check the notification icon in the app. If you see a slash on it, tap to enable notifications. Please check the Device settings--> Activity detection--> Turn on “Detection sensitivity”--> Set the “sensitivity” to "High". Make sure all permissions are allowed the first time you open the app. If not, go to your phone’s app permission settings to allow them, or reinstall the UBox app, and allow all permissions when prompted.

Q: Is the camera waterproof? Can it be used outdoors?
A: Yes. The camera is IP66 weatherproof and suitable for outdoor use, with an operating temperature range of -20°C to +50°C (-4°F to 122°F).

Q: Can the camera connect to a PC or other apps?
A: No, the camera cannot work on a PC or with other apps. It only works with the “UBox” app on iOS and Android phones or tablets.

Q: How long can the SD card record? Can it record 24/7?
A: This camera supports 32–128GB micro SD cards. A 32GB card typically stores about one month of recordings, depending on how often the camera is triggered each day. If you need continuous recording, go to Device Settings --> Cloud Video Duration --> Fulltime recording; the camera will then save a new video every 5 minutes. However, since the camera is battery-powered, continuous recording can only last

Q: What is the WiFi range, and how far can the camera see?
A: The WiFi range is about 30~100 ft, depending on obstacles or interference between the camera and the router. In daytime, the camera can see about 100~150 ft; at night, the range is about 30~60 ft.

Q: How can I turn on night vision?
A: Night vision is automatic and activates in low-light conditions. While viewing the live feed, you can manually switch between the floodlight and infrared LED. At night, the floodlight turns on when motion is detected. As it is battery-powered, it cannot be used as a traditional floodlight.
(Floodlight on: color image; Infrared on: black & white image.)

Q: Can I add several cameras to the UBox app?
A: Yes, you can add multiple cameras to the UBox app. Each camera needs to be set up as a new device, and all of them will appear in your device list. However, you can only view one live stream at a time—multi-view is not supported, as the app is designed for use on mobile phones with smaller screens.