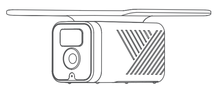
尺寸： 360X480mm　105克铜版纸 彩色正反面印刷 折叠
成品方式： 120x130mm

Wi-Fi Outdoor Camera

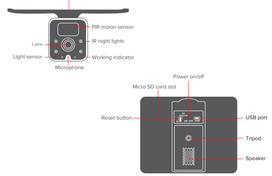
Easy Guide



Monitor your home at anywhere, anytime.

1. Known of the camera

Product description



Package contents

Camera

USB Cable

Easy guide

Screws

Wall mount

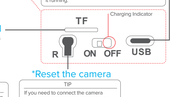
2. Setup the camera

[1] Charging
Your camera needs to charge before using

TIP
1) Use the 5V/1A,2A) adapter and Type-C USB cable to charge the battery.
2) The charging indicator turns ●Green' while in charging.
3) When the camera is fully charged, the indicator turns off automatically.
4) It takes approximate 10 hours for fully charged.
5) If it continues to rain and cloudy for a month, please charge the camera via DC power to keep it running.

[2] Micro SD card
For motion detection recordings

TIP
1) A Class 10 or higher (4-128GB) micro SD cars is recommended for better video storage.
2) Format the memory card before insert it into the camera.
3) Normally a 16GB memory card can save the events approximate 1 month.
4) The camera makes loop recording, when the memory card is full, the old events will be covered by new ones automatically.
5.) The events saved in MP4 format and you can playback on PC easily.



*Reset the camera

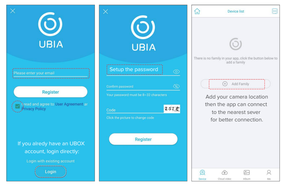
TIP
If you need to connect the camera with a new user account or changing network, please reset the camera after remove it from the app.
Hold and press the 'Reset' button for around 3 seconds, the camera will be reset and restart automatically.

3. Get the app

Get the 'UBOX' app
Scan the QR code or search for 'UBOX' from Google Play or App Store.

TIP
Operate system of smartphone is required for normal use.
iOS : 5.0 and up
Android: 10.0 and up
Always get the latest app from stores.

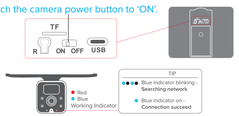
Register or login in the app
Register the Ubox account before connection.
If you already have an Ubox account, then login directly.



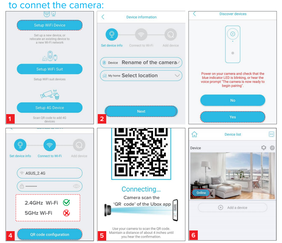
TIP
1. After registered UBOX account, you should get the verify e-mail from UBIA team. If not, please pay attention to whether your mailbox identifies this e-mail as spam.
2. After finish registered, the app need you to input the location of your home. It is no need the details, just the city/state/country. This location is for app indetifies the nearest sever for best connect.

4. Powering camera and connection the camera to app

Switch the camera power button to 'ON'.



Open the app, 'Add a device' then follow the below steps to connet the camera:



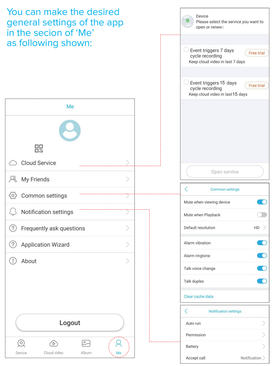
5. Mounting the Camera

Mounting the camera to the wall via the wall mount

- Fully charge the camera until the green charging indicator turns off when using at first time.
- Make sure the solar panel is facing a sunny place and without shielding.
- Check if the Wi-Fi signal is strong (3 bars and above) before mounting.
- Make sure the camera lens and PIR sensor without shielding.

6. Recommended app settings

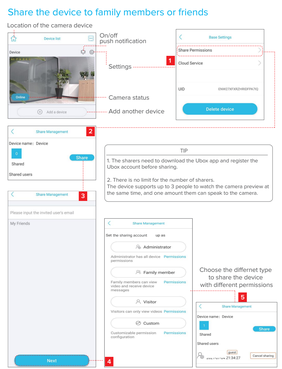
You can make the desired general settings of the app in the secion of 'Me' as following shown:



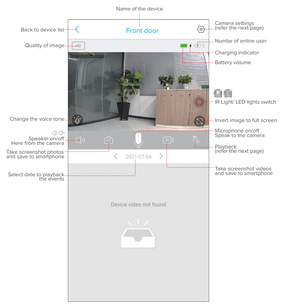
7. Camera settings

Share the device to family members or friends

Location of the camera device

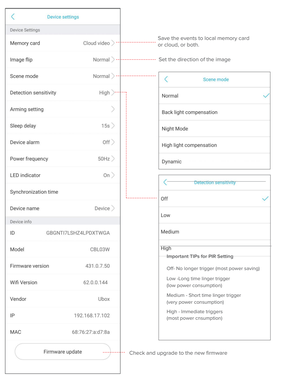


8. App features

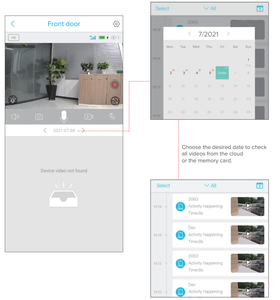


Note: Screen shots displayed in this user's guide of the Ubox software application may appear differently than those currently featured in your app as frequent updates and improvements are being made to the software.

9. Camera settings and PIR motion detection



10. Playback the events



Click the "Calendar" icon on the right top corner, then choose the date to playback the videos from cloud storage or memory card.

Choose the desired date to check all videos from the cloud or the memory card.

11. Technicial specification

Video Resolution		HD 1920*1080　SD 640*360
Motion Detection		PIR Motion Detection, max. distance: 10 meters
Night Vision System		max. distance: 10 meters; Both IR night vision and color night vision available
Wi-Fi		2.4GHz
Camera Lens		F=2.8 , Horizontal FOV 120°
Battery		2*3700 (9600mAh) rechargeable lithium battery & 3W solar panel
Battery Life		The 9600mAh battery support up to 60 days with cloudy and rainy weather
Charging Method&Time		1) Solar panel charing; 2) Charging via Type-C USB cable and 5V/1A adapter for 10 hours
Weatherproof		IP67
Product Size		173 X 138 X 76mm L W H
Product Weight		457g (Camera weight)
Operate Environment	Temperature	-30℃ ~+60　℃
	Humidity	<80%RH
Others	Buttons	Power on/off, Reset
	Indicator	Working (Blue,Red),Charging (Green)
	Storage	Micro SD card (4GB-64GB) or cloud storage
	APP	Ubox (iOS & Android)
	System Requirement	iOS 10.0 and up 、Android5.0 and up

12. Warning

1.) The device is equipped with a rechargeable lithium battery.
The battery life will be effected by the device wake-up time and the number of the wake-ups.
Therefore, the PIR sensor alarm detection function is used in an environment with a lot of people.
It is recommended to turn off or set the device to low sensitivity to reduce device wake-up and call times to extend battery life.
When the battery is low, please charge the battery immediately.

2.) It is a delicate device with a low power consumption design. Everytime the device is awakened and will work for a few seconds.
After that, the device will enter standby mode to save power. You can set the work time in the app settings.

3.) This device provides free trial cloud storage and facial recognition services.
If you need to continue using the value-added services after the trial period expires, please purchase the cloud subscription in the app.

4.) Keep the device in range of your router.
Make sure the device is placed close to the Wi-Fi router. If there has to be thick or insulated objects between the device and the Wi-Fi router, which may lead to wake Wi-Fi signal, please make sure the Wi-Fi signal is good level before you start using the device.

13. FAQ and support

1) After adding the device, why the phone and the device turn on the intercom with a harsh noise?
Answer: This is because the sound of the device and the MIC of the phone are self-excited, which is like singing in KTV, and there is a similar self-excitation in the MIC and the speakers. When meeting this situation, just take mobile phone away. This product is a remote monitoring intelligent device, therefore, normal use will not have this problem.

2) Why my android phone can't receive the notification?
Answer: For Android phones, because the features of the system, the notification are blocked by the system when it receives a notification, and the push is displayed with the following permissions.
[a] In APP, Me - common settings - notification settings - Auto run Open APP
launch permissions and set them to manage manually
[b] In APP, Me - common settings - notification settings - permission management are set to allow notification, and allow lock screen notification.
Some of the android 10 or more systems need to be opened in permission management to draw over other apps.
[c] In APP, Me - common settings - notification settings - battery allows ignore battery optimization.

3) How to use PIR human detection function, why is there alarm when there is no one?
Answer: PIR is a far-release infrared sensor, which is based on the human body's far-release infrared to determine whether people are active. There are other objects in nature that have the same wavelength of infrared, such as sunlight, mammals, and cars and heat sources. Serious electromagnetic interference can also cause false triggers to the equipment.
[a] Try to avoid direct sunlight, solar cameras and other outdoor products. Radar technology has been added, therefore, there is no need to avoid direct sunlight.
[b] Where there are more people, it is recommended to turn off the PIR or turn down the sensitivity to reduce false alarms.

4) Why did the PIR receive the alarm push, and no one in the screen appeared?
Answer: Set the device PIR to high sensitivity to capture the video in 1 second. If a person leaves quickly within 1 second or the PIR is disturbed, there may be an alarm that no one appears.
Different PIR sensitivity trigger different time and the following is the description of PIR sensitivity and reaction time.
Disabled: Close the PIR function.
Low:　The device will start to take videos and send an alert to the mobile device 7 seconds from the moment it detects a moving object.
Medium: The device will start to take videos and send an alert to the mobile device 5 seconds from the moment it detects a moving object.
High:　The device will start to take videos and send an alert to the mobile device 1 second from the moment it detects a moving object.
Note: It is recommended to set the PIR detection at "Disabled" or "Low" to save battery power.

5) Why is normal for some mobile phones when watching the SD video are ok, but is seriously delayed when watching HD video ?
Answer: If the SD video is real-time, HD video delay is caused by the lack of video decoding ability. Some Android phones or older versions of apple's phones "such as the iphone 5", if the HD video decoding ability is insufficient, it will lead to the decoding speed too slow, which looks like a video delay.

6) Why the battery run out of power for only a few days?
Answer: Low-power products use a combination of extremely low-power dormancy and fast remote wake-up, which significantly extension battery life and if the battery consumes electricity faster, check the following points.
[a] For safe transport, the battery is usually in a state of about 50% electricity, therefore, it needs to be charged before use.
[b] Frequent PIR triggers could quickly consume battery power, and it is recommended to set PIR for low sensitivity or shutdown in complex environments.
[c] Battery life is typically calculated by watching 2D times a day. Frequent or prolonged viewing of the device can also lead to rapid electricity consumption.
[d] In the case of network instability, the device needs to restart and maintain normal communication with the server. The environment of network instability is related to the number of system wake-up, and the networks which is highly unstable can also lead to faster battery power consumption.

7) What is the function of cloud storage?
Answer: This product includes a free trial of cloud storage. When the device has an event alarm (PIR trigger event in dormant state, ring doorbell event and device anti-theft trigger event), the device automatically uploads the 8-seconds event video to the cloud, so that even if no micro SD card or device is taken away, the key video remains in the cloud. After the probation period, users can buy cloud storage services, and paid users can view the last 30 days of cloud storage video.

8) Will this product be attacked or compromised?
Answer: This product uses triple security authentication, anti-counterfeiting identity, end-to-end data encryption, anti-stealing, and the network side also cannot read equipment and user data.
The device end adopts the strictest firewall and security audit strategy, and the third party cloud shield is used to prevent the intrusion network side, and the maximum 300GDOS attack is protected. Therefore, please feel free to use. This product will neither disclose privacy nor be mobilized by malicious code as a "broiler" attack on other internet devices.

9) How often do I need to charge the solar camera?
Answer: Solar panel typically designed by solar cameras can support a continuous month of wet weather when the sun can shine. If it's rainy for more than a month or frequently wakes up the device, it should take it off and use the USB power to recharge it. When USB charging or solar charging, the battery status can be seen in the app preview interface.

10) How to add WiFi smart device, and what to do if the device is always failed to be added?
Answer: APP supports QR code and sonic wave configuration devices to connect to WiFi. It shall check the following if the configuration fails:
a) To make sure that the smart device are in configuration mode (WiFi products the blue lights flashing and some products have voice prompts into the configuration mode).
b) After the device is config failed, the device LED may in 3 status ,blue light blue light blinking, or a red light. If the LED blue light, it indicates that the device has received configuration information. If the red light is always on, it shall check if the WiFi password is wrong or out of WiFi router coverage.
c) If the device blue light is always on after the configuration, however, the configuration fails, it needs to look at the reasons for the failure, for example, if the device are already tied to another account, you need to contact after-sale service
d) If it's confirmed that the above-mentioned are ok, just try restarting your phone and router and try again.

14. Technicial support

Having Trouble?
We're here to help!

E-mail us at **support@aoluvy.net**
or contact our facebook accounts below:

Read me before use, keep manual and all relevant information for future reference.

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FCC Statement

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.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment 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.

FCC Radiation Exposure Statement:

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled enviroment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.