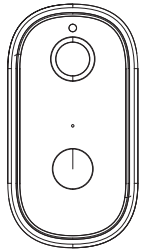# Waterproof wireless low power The camera consumes
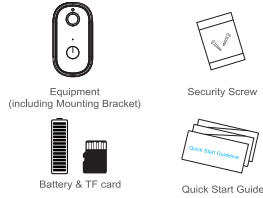
Quick Start Guide

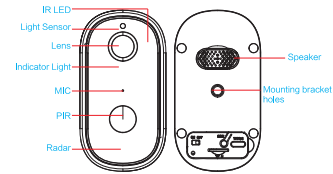* Please read it carefully before using the product

Package List

Please check and make sure the camera (hereinafter referred to as "The Equipment") is in good condition and all below parts are included after opened the package.

Equipment
(including Mounting Bracket)

Security Screw

Battery & TF card

Quick Start Guide

Appearance Introduction

- IR LED
- Light Sensor
- Lens
- Indicator Light
- MIC
- PIR
- Radar
- Speaker
- Mounting bracket holes

IR LED	The infrared light will turn on automatically when the ambient light is Insufficient
Light Sensor	It's used to collect ambient light values when the luminance is lower than 2Lux, infrared light will be enabled automatically.
PIR	When human body moved in front of the equipment, the equipment will make notification to your mobile phone.
Radar (optional)	When the human body moves in front of the device, the radar generates a trigger signal to the mobile phone

Lens	Video image capture
Indicator Light	Blue light flashes --- Pairing Status Red light on ---- Failed WIFI Connection Blue light on --- Connected Successfully Red & Blue light on together --— Connecting WI-Fi
MIC	To gather the environmental sounds and realize voice-voice intercom.
Speaker	System sound and voice intercom
Mounting bracket holes	Use bracket mounting screws to mount the bracket to the wall

Installation Guide

Please take out the bracket from the equipment as shown in the figure

POWER (ON/OFF)
TF card slot
RESET
TYPE-C

1. Install the base on the wall using the mounting screw in the accessory package
2. Align the mounting bracket holes of the machine with the base screws for installation
3. Toggle the power ON / OFF to turn the camera on or off
4. TYPE-C interface
   a. Garden light output port
   b. Solar charging output port

5. Press the reset button for 5 seconds, waiting for the indicator light turn to red slow flash
   (The equipment should be in working condition, long press, sleep state is invalid)

6. TF card slot, install TF card for video storage

Equipment Connection

Thanks for choosing our product, Please scan the following QR codes to install the app on your mobile. Then set up your Equipment by following steps after it's done.

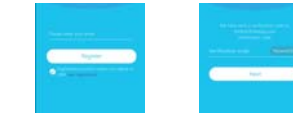1. Download and install the Mobile APP

1) Scan the QR codes to download and intall it
2) For Apple users, please search app "UBox" in the App store to download it
3) For Android users, please search app "UBox" in Google Play store to download the app
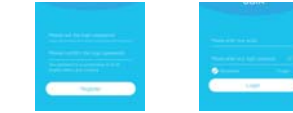
2. APP REGISTRATION

Open the app then input your E-mail address then press 'Register'. Check and select to agree the agreement then your E-mail box will get an verification code. (For better user's experience, please allow to open all permissions to avoid missing any notifications from the app.)

Input the "Verification code" and press 'Next'. （if you not found the mail you might find the code in your email spam box.)

Set the login password and confrim the login password Then press 'Register' to next step (For your password safety, the passw ord requires more than 8 characters plus a combination of letters)
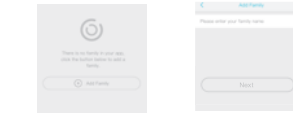
Enter your E-mail address, and input your login password. Then press 'Login'.
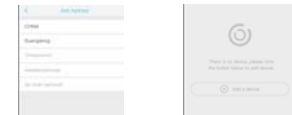
3. WI-FI CONNECTION

Press 'Add Family' then set the room or position as per reminders.

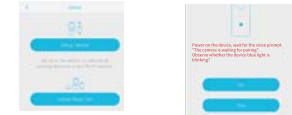Enter your family name and then press 'Next'.

Input the necessary information just like Country, Province, then press 'Done'.

Press 'Add a device' to add a smart device

Connect the device with power supply, and make sure your mobile phone is connected to an available Wi-Fi. Then press 'Setup device'.

After the power on the device, wait for the device bule LED are blinking Which means your device in pairing mode

If the device blue are not blinking, please press the power/Call key to wake up the device first, then hold and press the RESET button until the blue indicator to light up and then release. The device will reboot and enter the pairing state.

Set the device name and select the device loaction befroe setup

The app will input the Wi-Fi name automatically, please input the correct Wi-Fi Password. Then you can choose the 'QR code configuration' or 'Sound wave configuration' .

QR code configuration: Select the QR code configuration then the mobile phone display a QR code. Use the device to scan to the QR code 10cm away from the mobile phone.

The device will enter to the device list automatically. Setup success! The device is ready to use.

Notes about PIR detection

*User can change the PIR detection sensitivity in device setting,we recommend to set sensitivity at "Disabled" or "Low" to reduce false alert and save the battery power in noisy environments.

*Disabled : disabled PIR detection;
*Low : delay 7 seconds PIR detects a moving;
*Medium: delay 5 seconds PIR detects a moving;
*High: delays 1 second PIR detects a moving.

4. USING THE APP

Enter to select your family or smart device location
Turn on/off the push notification.
Settings: Sharing, Cloud storage, Delete the device..
Press to enter the preview section.
Press to add a smart device

Account and value-added account management

Smart device basic settings Could set ` Storage management, Flip screen, Environmental model,PIR detection, Sleep time, Power frequency, LED indicator, Device nameCould check the information of ˝Device name, Device ID, Model, FW version, Manufacurter, Check for the FW updates..˝

Turn on/off the speaker
Screenshot
Playback switch 'Micro SD memory' and ˝Cloud storage˝
Take a video for the live view
Microphone - Speak to the smart device side.

Check ˝my account˝ name and change password;
Check and purchase the Cloud storage;
Check and purchase the AI Cloud Facial Recognition;
Check and add my friends list and permission;
Set the default voice and resolution for the devices;
Check the App version.

Click the ˝Calendar˝ icon on the right top corner , then choose the date to playback the vioces from cloud storage.

Choose the desired date to check all videos from the cloud.

4.Attention!

1) This device is powered by Lithium polymer battery and is expected to be used for 5-8 months when fully charged. The app on your phone will have prompt if the battery is low. Please charge the device promptly after received the prompt.
2) Please make sure your device can receive WIFI signal while installing, especially outdoor installation, If WIFI is not available or signal weak, Please use WIFI signal amplifier to increase.
3) This device is a low-power smart product which supports remote wake-up by APP, PIR human body detection wake-up, wake up by doorbell.
it will enter hibernation automatically and guides the next wake-up after wake-up and working 30 seconds.

Technical Specification

Resolution	1920*1080
Field of Angle View	2.6mm @F2.0/155°
IR LED	6*850nm
Wi-Fi	802.11 b/g/n
Audio	Two-way talk with noise cancellation
Recording	TF card (Above C10 high speed brand card is needed)
Storage	Cloud Storage or 8G/16G/32G TF card
Battery	2pcs 18650 batteries are required.
Monitoring	Motion Detection, Remote Live View
Notifications	Push Notifications within1 second
Device Wakeup	Within600 ms
Power Consumption	Power Consumption Standby120 uA, Working170 mA

Function Introduction

Two18650 specification batteries work regularly for 5-8 months

Million HD Pixels with Ultra-thin 2.6MM Wide-Angle Lenses

Tip:There will be no further notification of any change of the above functions. Please take the actual object as the standard.Thanks!

Support waking up device by mobile phone within 1 second.

2.4G Wi-Fi connection

High quality two-way talk with noise cancellation

Support PIR human body infrared detection. It will push alarm information to your mobile phone APP immediately when someone is at the door

Day and night mode can be switched automatically. The image is clearly and visible for your safety and family security no matter its day or night.
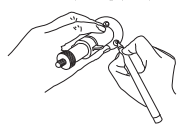
Q&A

Q: The device cannot connect to WIFI?
A: 1. Please confirm that the wireless network to be connected is the 2.4G protocol.
   2. Make sure the indicator light is in the slow red light state
   3.The password is correct, make sure there is no extra spaces.
Q: The device is online and there is a trigger event, but the mobile phone cannot receive the push message
A: The app on the mobile has turned on"self-starting" function and has enabled the notification function on application permission. Turn off "battery optimization" and turn off the function of end app when phones in standby (The mobile phone manufacturer's optimization method is inconsistent. Please take the actual situation as the standard.)
Q: What power supply mode does the device support?
A: 1. The device can work with two 18650 battery alone
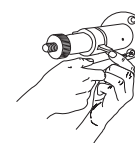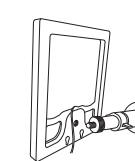   2. You can charge the device through TYPE-C

Please complete the battery camera setup in the App prior to installing the solar panel.

1. Choose the installation location

Pick an unshaded spot for best sun exposure. The solar panel should be installed where it will receive several hours of direct sun daily.

2. Mark your spot

Place the solar panel/mounting arm mark where you plan to install and mark the screw hole positions lightly with a pencil.

3. Drill the holes

Optional: You may opt to use a drill bit to drill holes where you have previously marked.

• For mounting surfaces that are brick, concrete, or stucco, please use the plastic anchors. You may need to use a hammer to install the anchors.
• For mounting surfaces that are wood or vinyl, you can omit the anchors, and use the screws directly.

4. Install the mounting arm

Use a screwdriver to secure the mounting arm to the wall, tighten securely.

5. Attach the solar panel

Attach the solar panel onto the mounting arm, ensure that it is installed correctly.

Note: You may adjust the angle of the solar panel for better sun coverage. Simply loosen the adjustment screw on the mounting arm, adjust to desired angle, and re-tighten the screw.

6. Plug the cable

Lastly, plug the solar panel charging cable into the Aro. Let's start charging!

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.

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

The distance between user and device should be no less than 20cm.