

SOLAR POWER BULLET WIFI CAMERA

Quick Guide

* Before using the product, please read the Quick Guide carefully and keep it well.

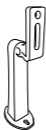
* This instruction manual is for reference only.

Packing List

After opening the package, please check the low-power wireless battery camera (the "Equipment") to verify whether the following parts are complete.



Equipment



Bracket

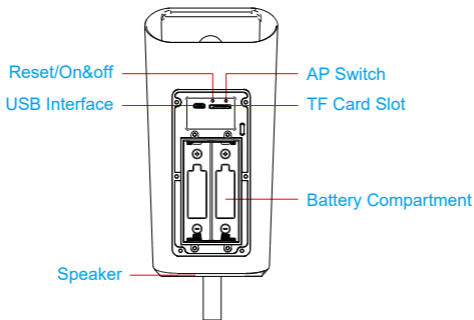


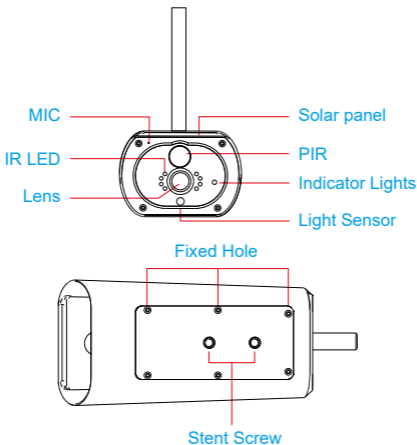
Screw Package
(including Screw)



Quick Start Guide

Appearance





Reset/On&off Under the power-on state, pressing the switch button for a long time, the device will automatically switch mode when the tone is heard, and the AP mode will sound. After entering the AP mode, the red indicator light flashes slowly. You can use the mobile phone WIFI to search for the device SSID. The default connection password is 12345678. After Accessing WIFI, and add the device by scanning the QR code. The default device password is admin, After the device is added and connected successfully, entering the setting interface and click the synchronization time button to sync your phone's time with the device.

USB Interface The battery of the equipment is charged through the USB interface, When connected USB the equipment will be automatically turned on

Speaker Used to send out a system prompting sound and achieve voice dialogue

- AP Switch:** Under the power on state, press and hold the reset button for 3 seconds, and the “drop” sound will be heard, and the device will be restored to the factory settings. If it is in the AP mode, the factory settings will be restored. The device will return to the default WIFI mode. After the device is restarted, the blue indicator light starts to flash. In the power-on state, long press the reset button for 3 seconds to hear the tone and then let go, continue to press for more than 8 seconds, you will hear the shutdown tone, then let go, the device enters the shutdown state.
- Power Button** Press and hold for 3 seconds to shut off, you can hear the horn sound; In sleep mode, press briefly for 1 second to wake up the device; Under the blue light working condition, short press 1 second to push message
- TF Card Slot** The user can insert 8G, 16G, 32G SD card (Please use branded card with C10 and above) to store video image files
- Battery Compartment** You can install two 18650 batteries (please note the positive and negative direction, the negative electrode is facing outward), You do not have to connect the equipment to the wire power, Just the batteries will power the equipment
- MIC** Used to collect ambient sound and achieve vocal dialogue
- IR LED** In the event of inadequate ambient light, turn on the IR LED to increase the brightness
- Lens** Used to collect the image and video
- Solar panel** Solar panel permanently charging
- PIR** PIR supported, when someone is at the effective distance of the camera, warning information is immediately pushed to the cell phone app

Indicator Lights

When the Blue Indicator Light is blinking, the Equipment is in the configuration status;
When the Red Indicator Light is always ON, the WiFi connection has failed;
When the Blue Indicator Light is always ON, the Equipment is successfully connected;
When the Red and Blue Indicator Lights are ON at the same time, the Equipment is connected to WiFi;
When the Red and Blue Indicator Lights are OFF at the same time, the Equipment is OFF or standby

Light Sensor

Used to collect ambient light. When luminance is lower than 2 Lux, turn on the IR LED

Fixed Hole

Use the mounting screws included in the accessory kit to fix the rear stand

Stent Screw

For vertical stand (optional)

Installation Guide

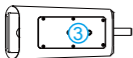
As shown in the figure, install the stand



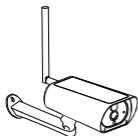
- ① Use the screws in the mounting kit to fit the bracket on the wall



- ② Mounting two 18650 specification batteries (Only 1pcs battery can also be used. Pay attention to the positive and negative electrodes)



- ③ Cover the battery cover, push down and lock the security screws to complete the installation



- ④ Fixed the camera with bracket

Equipment Connection

Thanks for choosing our product. To start with, scan the following QR codes to install the app. After completion, set up your Equipment by following the steps below

- 1.Download the Mobile App



iOS APP



Android APP

- 1)Scan the QR codes to download it
- 2) For Apple users, search "UBell" in the App Store to download it
- 3) For Android users, search "UBell" in Google Play to download the app

2.Setting up New Equipment

Power on the Equipment and wait for the system voice prompting: "Enter the Configuration Status". (If not in this status, please press and hold the Reset Button for 5 seconds after waking up the Equipment, and release it after the Equipment's LED is OFF. The system is automatically restarted.) After the Equipment enters the configuration status, please ensure that the cell phone is connected to the available WiFi. After that, open the "UBell" app to install the doorbell device.

Click to add the Equipment



Click to install the device



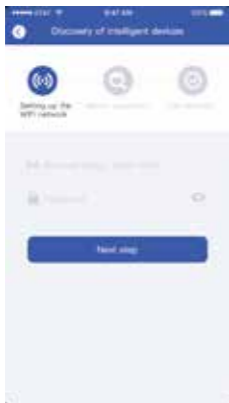
Before setting, ensure that the Equipment is in the configuration status. Under the configuration status, there will be a voice prompt to “enter the configuration status”

If no prompting voice is heard, please press the Reset Button for 5 seconds and wait until the LED is OFF, and then release it. The Equipment will be restarted to enter the configuration status



The app will automatically complete the name of the WiFi. Please input the corresponding WiFi password, and then click "Next". If this is the second time you are connecting to the same WiFi, the app will automatically complete the password. It is not necessary to re-enter the password

The cell phone will send out a sound wave. Please keep quiet at this moment. Please put the cell phone 30cm away from the Equipment, and wait for the Equipment to configure the network





Open the reminder mode, select the push message, when the PIR triggers the alarm, you can receive the reminder message. If you choose not to remind, you will not receive the reminder. If you choose the incoming call, you will receive the incoming call.



If you have already installed your device and want to share it with family number or friends, you can send your device QR code to them.



Delete the Equipment in the List of Equipment. After deletion, the Equipment will not be in the List, and calling will not be received any more, Equipment can still be checked by other connected cell phones



Instructions on PIR

The PIR function is supported. To activate it, just choose PIR in the setting menu



Inactivated

- In this status, PIR is closed

Lowered Sensitivity
- In this status, continuous 7-second body induction will wake up the recording of the Equipment and call the cell phone

Moderate Sensitivity

- In this status, continuous 5-second body induction will wake up the recording of the Equipment and call the cell phone

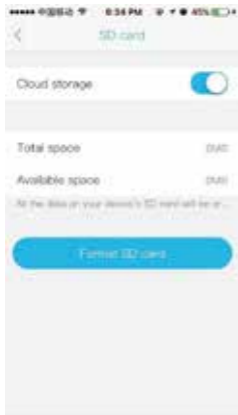
High Sensitivity

- In this status, continuous 1-second body induction will wake up the recording of the Equipment and call the cell phone

Note: If used in a higher traffic environment, OFF or Lowered Sensitivity is suggested in order to reduce the waking up of the Equipment and call times, thus prolonging the battery life

Cloud Storage

1). In the UBell APP setting menu, choose storage management, and open Cloud Storage

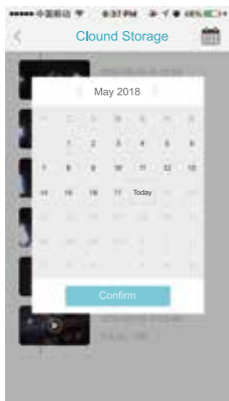


2). At the bottom of the preview page, the "Switch" button in the panorama mode becomes the "Cloud Storage" button

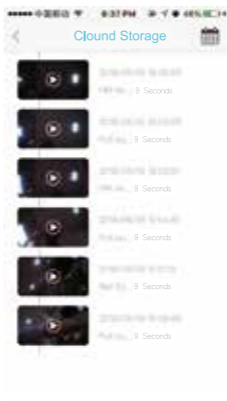


3). Cloud Storage Description: When the device is in sleep state, PIR trigger or press the doorbell button, the device will automatically upload 8 seconds of video to the cloud, each device can record 20 events per day, and have a week of permanent free storage cloud for users to use.

4). Tap the calendar icon in the upper right corner and select the date to see all the cloud videos for the selected date



5). Click on the event video to see the cloud video



4.Attention!

1) 1. This device is powered by 18650 battery. It is expected to be used for 6 months when fully charged. When the voltage is insufficient, the battery symbol of the mobile APP interface will be prompted. Please charge the device in time after seeing the prompt.

2) During installation, please ensure that the network is normal in the installation environment, and especially outdoors, please check whether WiFi covers the area. In the case of a weak WiFi signal, it is required to add a WiFi signal relay amplifier.

- 3) This device is a low-power consumption smart product that can support APP remote wake-up, PIR human detection wake-up and press the power button to wake up, Every 15 seconds after awoken it will automatically go to sleep mode until the next wake up.

Technical Parameters

Chip	Hisilicon
Lens	wide-angle lens
Video Streaming	Transfer 1920*1080/15fps
CMOS Performance	Support automatic white balance, automatic gain control, automatic backlight compensation
System	Lite OS
Stand-by time	Built-in 2 18650 batteries, will keep standby when raining days.It can be used for 6 months. External solar panels continue to charge the battery
Day and night transition	Automatic switching of double filter
IR Distance Network configuration	850nm infrared ray, effective range 10m sound configuration
PIR body motion detection	Support PIR motion detection awakening

Audio	Audio coding standard	AAC and G.726
	Audio input/output	-38dB Microphone/built-in 1 speaker

Video recording	Video mode	Manual recording, alarm recording
Network	WiFi	2.4GHz
	Network protocol	TCP/IP, HTTP, TCP, UDP, SMTP, DHCP, DNS, P2P
	Wireless	WiFi802.11b/g/n WI-FI
Alarm	Passive human infrared detection	Support
Function	Adaptive bit rate	Support
	Two-way voice talk	Support full duplex real-time call
	Panoramic display mode	Simulated 3D and automatic cruise
	Stand-by time	15S,30S,60S adjustable
	Voice call	Support
	Remote wakening	Support
	icloud storage	Support
	PIR trigger	Support
	Mobilephone APP	Ubell, ios10.0, android5.0 above
System requirement	Power supply	Removable 18650 battery two pcs + solar panel permanent charging
	Operating temperature	-10℃ ~+50℃
	Operating Humidity	≤80%RH

Q&A

Q: Why can't the Equipment be connected to WIFI?

- A: 1. Please confirm that the WiFi connection is under the 2.4G protocol.
2. Confirm that the Blue Indicator Light is blinking slowly.
3. Check whether the account name and password are correct, and whether there are excessive spaces.

Q: The Equipment is online, and there is a trigger event, but the cell phone doesn't receive any push messages

- A: Check whether the app has "automatic starting" activated, and whether the "application authority" has the notification function activated. Disable "battery optimization" and "close the app when in the background and Always On Display" (depending upon the actual situations, considering different optimization modes for different.

Q: What kinds of power supply modes are supported?

- A: 1. Equipment can work with 18650 battery alone.
2. Can charge the device via USB, When connected with USB it will be turned on.
3. Solar panel permanently charging

Q: Does the Equipment support 3G?

- A: 3G cell phones are not supported, only 4G is supported.

Introduction to Functions



2*18650 battery can be used for 6 months in standby situation



HD pixels matched with wide-angle lens



Cell phone waking up supported



2.4G WiFi connection supported



Clear two-way audio



PIR supported. When someone is wandering outdoors, warning information is immediately pushed to the cell phone app



Automatic switching of Day/Night mode, all with clear pictures, safeguarding you and your family members



Cloud-storage supported



Solar panel permanently charging

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