



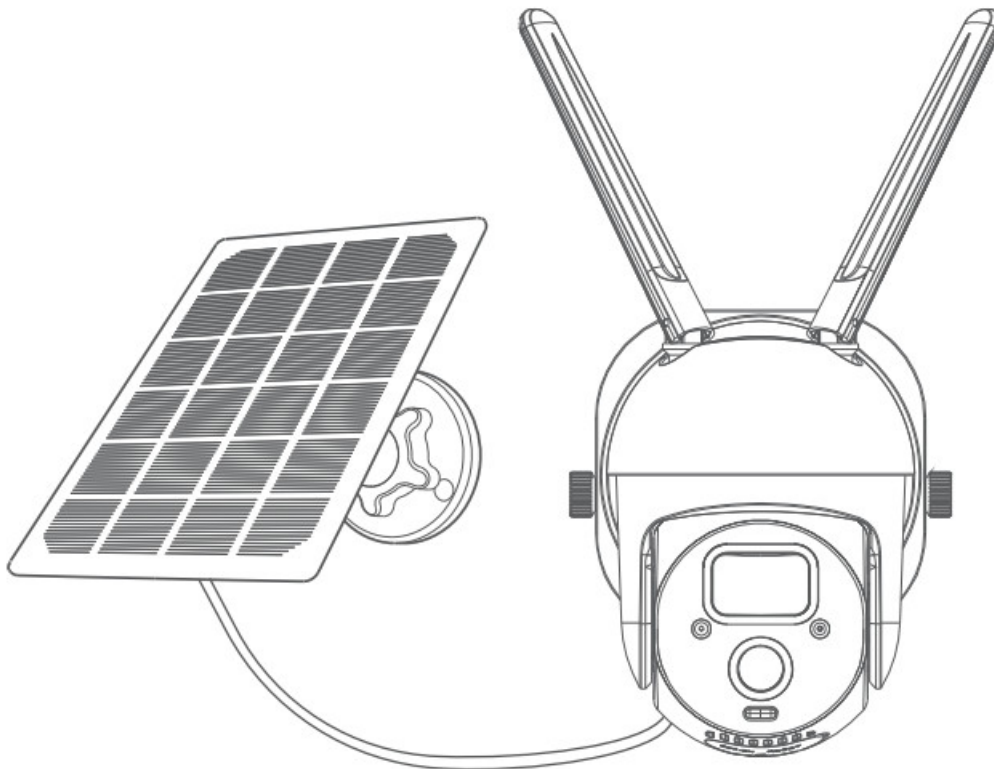
Shenzhen Bovision Technology BF-A40 Wireless Battery Powered Camera User Guide

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SHENZHEN

**Bovision Technology BF-A40 Wireless Battery Powered Camera
User Guide**



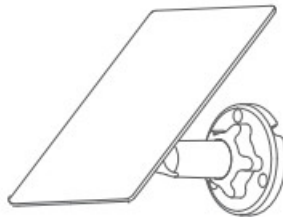
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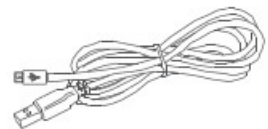
Package List



Camera



Solar Panel



Micro-USB
Charging Cable

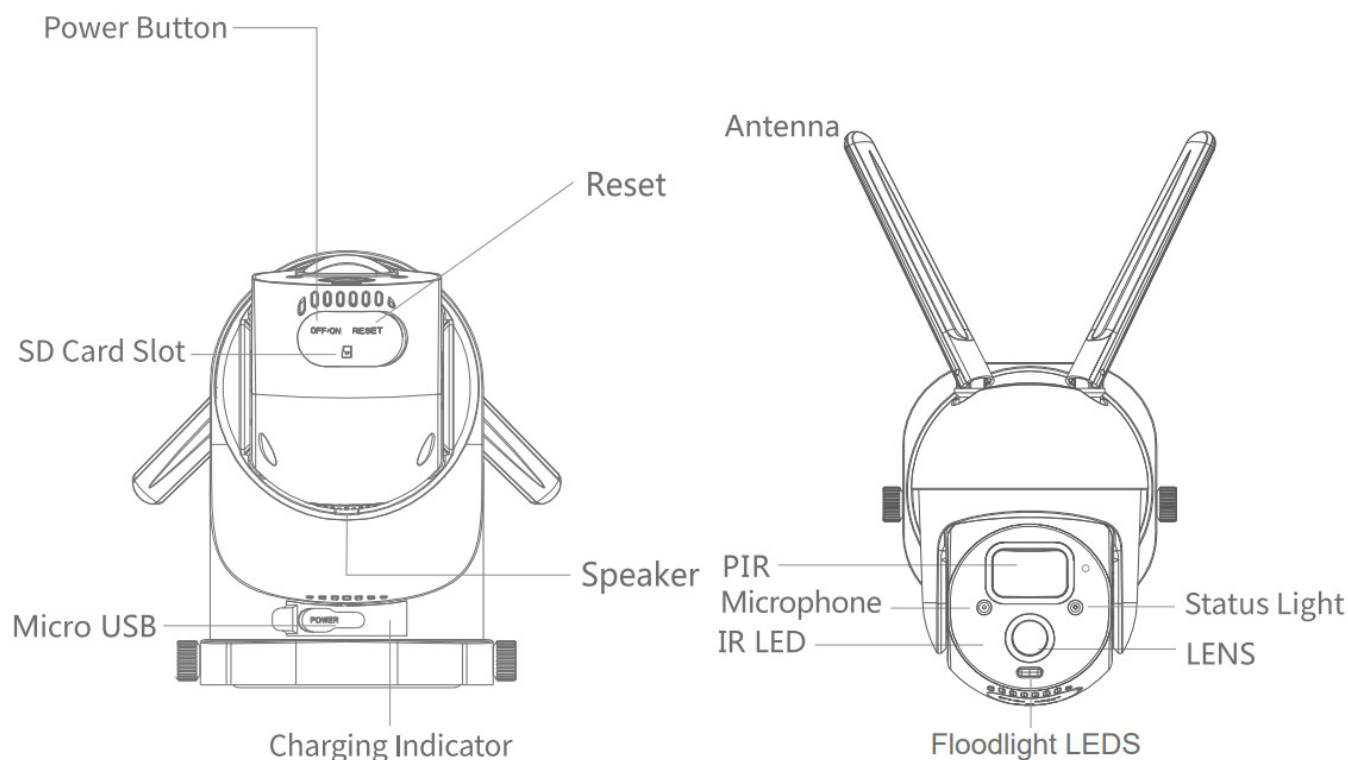


User Manual



Screw Package

Product Overview



Power port	DC5V±10%
Power on/off	Press the power button for seconds to turn on/off the camera
Status light	<ul style="list-style-type: none"> • Solid red light on the camera is turning on or malfunctions • Blinking red light awaiting Wifi connection (slowly blinking) connecting the Wifi (quickly blinking) • Blinking blue light: currently connecting • Solid blue light on the camera runs correctly
SD card slot	Support local SD card storage (Max.128G)
Reset	Press and hold on for 5 seconds to reset the camera
Charging	A solid red indicator on the battery is charging
indicator	The solid blue indicator on charging completed
Battery	Built-in rechargeable batteries

How to Set the Camera

1. App Downloading and Installation

Downloading CloudEdge APP from the App Store or on Google Play. You could also scan the QR code to download it

2. Account Registration and Login

Open 'CloudEdge'APP, choose your country/region, register an account with a valid e-mail address for your first-time use, then log in.

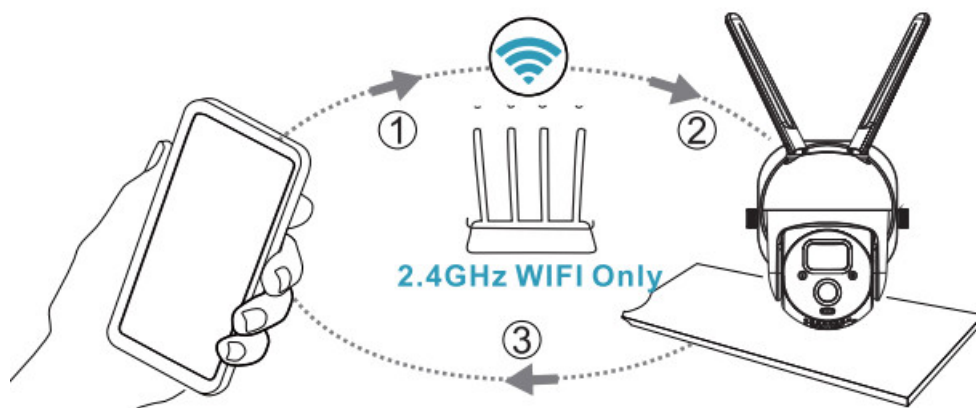
Download App(OS & android)



<https://play.google.com/store/apps/details?id=com.cloudedge.smarteye>
<https://itunes.apple.com/app/id1294635090?mt=8>

Network Configuration

1. The camera only supports 2.4Ghz Wi-Fi and does not support GHz Wi-Fi. Please check your router to confirm that the network is under 2.4Ghz frequency
2. Make sure that the Wi-Fi password doesn't include special characters like &*%#&@
3. For a successful connection, please place the camera and phone near the router, which should speed up the network configuration process.



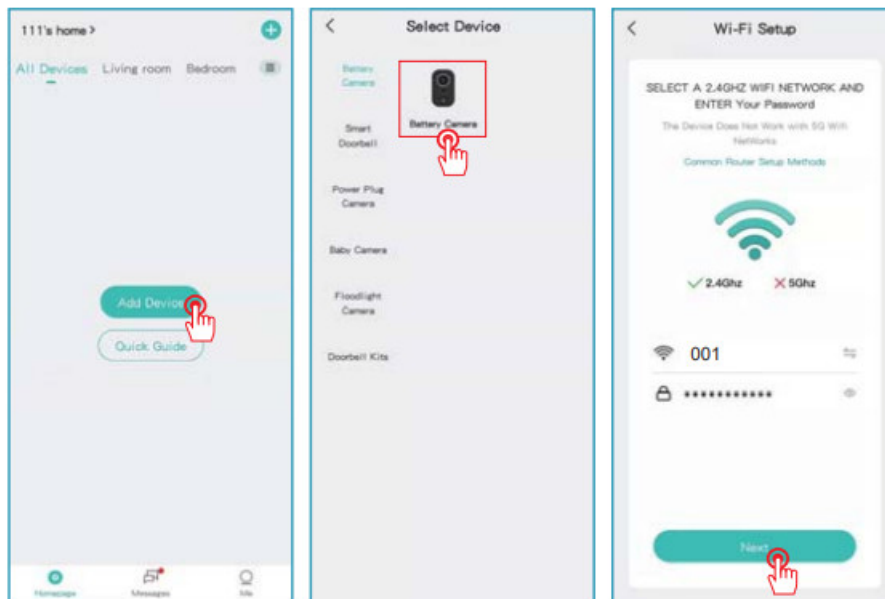
Connect Camera to APP Important to Know

1. Before adding the device, make sure that your camera has enough power.
You can use a 5V, L.5A charging adapter to charge it(a power adapter is not included)
2. Long press the 'Power button' for 3-5s to power on/off the device,you will hear a beeping sound after turning it on,
3. If you have successfully paired the camera with your phone, the "Status Light' will flash blue. If not, it will show

red light. Please reset the camera by pressing 'Reset' button for 3.-5s

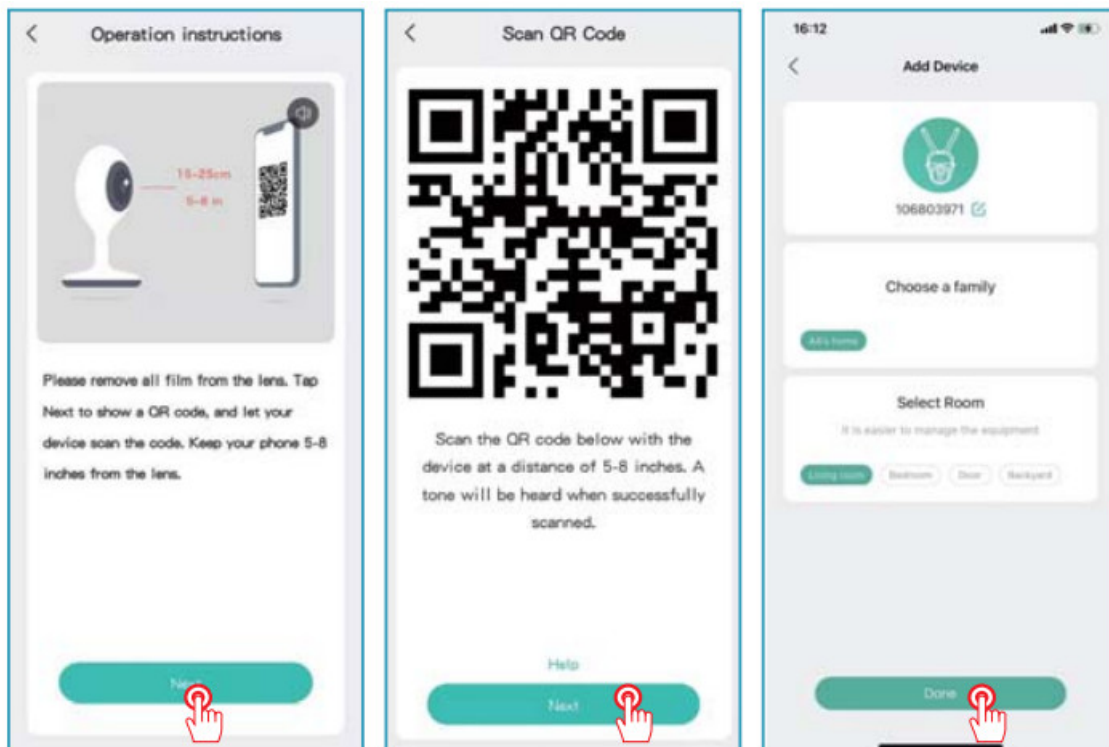
Step 1: Run CloudEdge APP, and click 'Add Device'

Step2: Select your Wi-Fi, input the right password, and click 'Next'



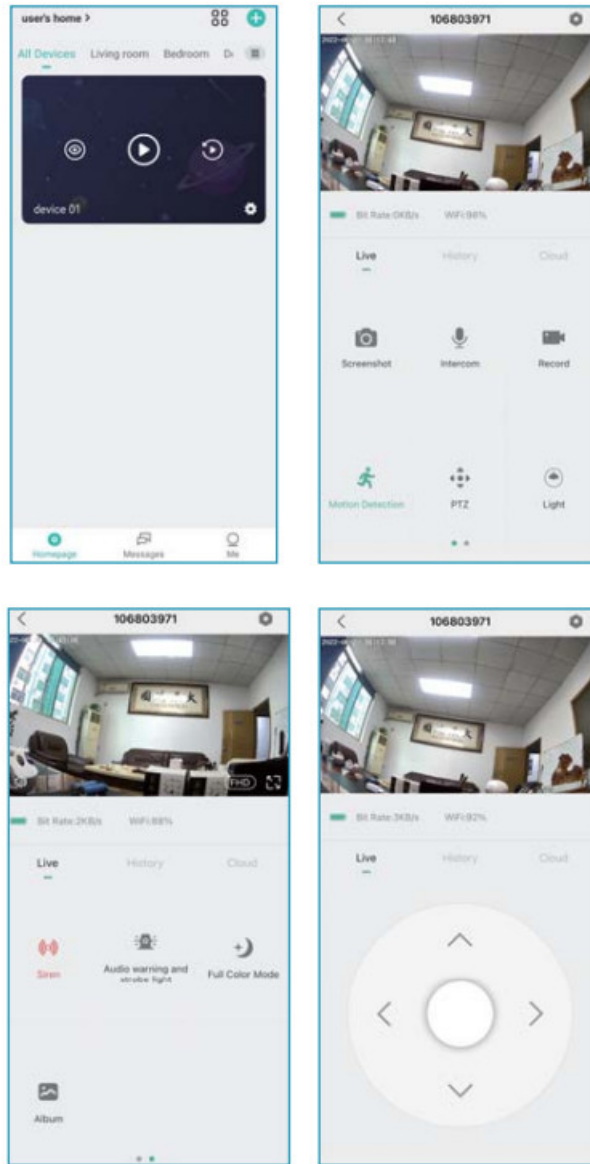
Step 3: Show QR code to the camera at a distance of 5-8 inches. A tone will be heard when successfully scanned.

Step 4: You Can name your Camera and add it to a monitor location.



Step 5: All done. You have added the camera successfully to your phone

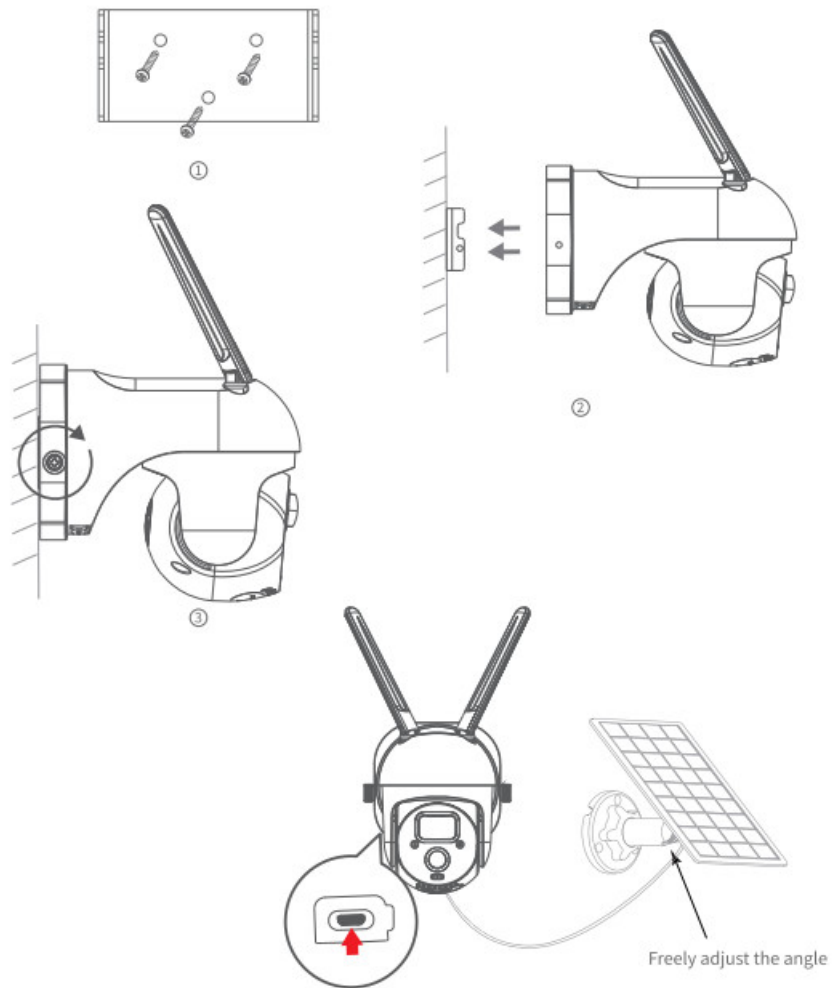
Step 6: Begin to monitor your home



Camera Installation

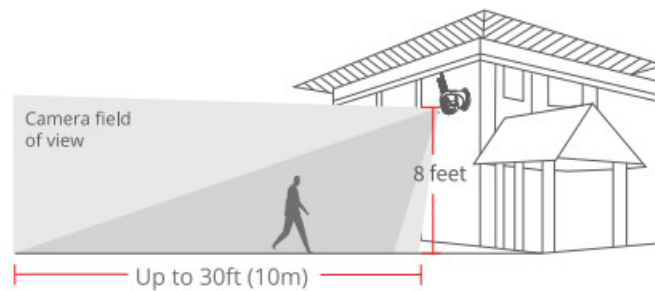
a. Install the bracket and solar panel

Use a drilling tool to make holes on the wall according to the hole distance of the base. It is recommended to mark the holes on the wall with a pencil before drilling. Screw the expansion nut into the holes on the wall, and then connect the bracket to the expansion nut with screws to complete the fixing.

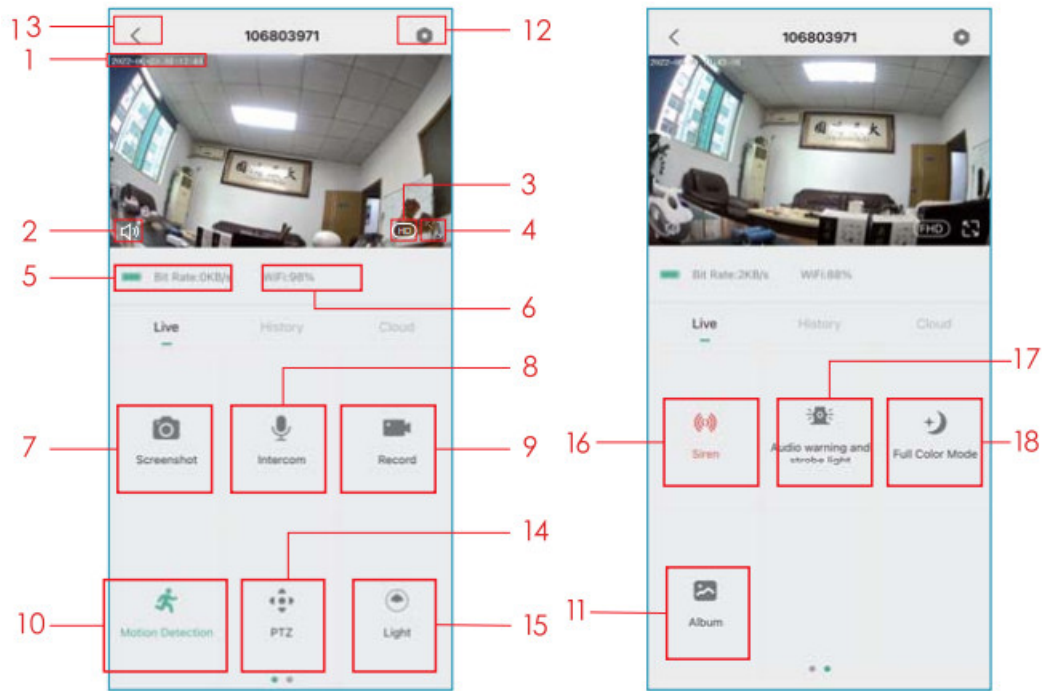


b. Select a good spot for your camera

Please install the camera in a position where its view is not blocked and ensure that it is within the coverage of the Wi-Fi network. We recommend installing the camera about 8ft height. You can adjust the height/camera angle according to the real-time view on your phone.



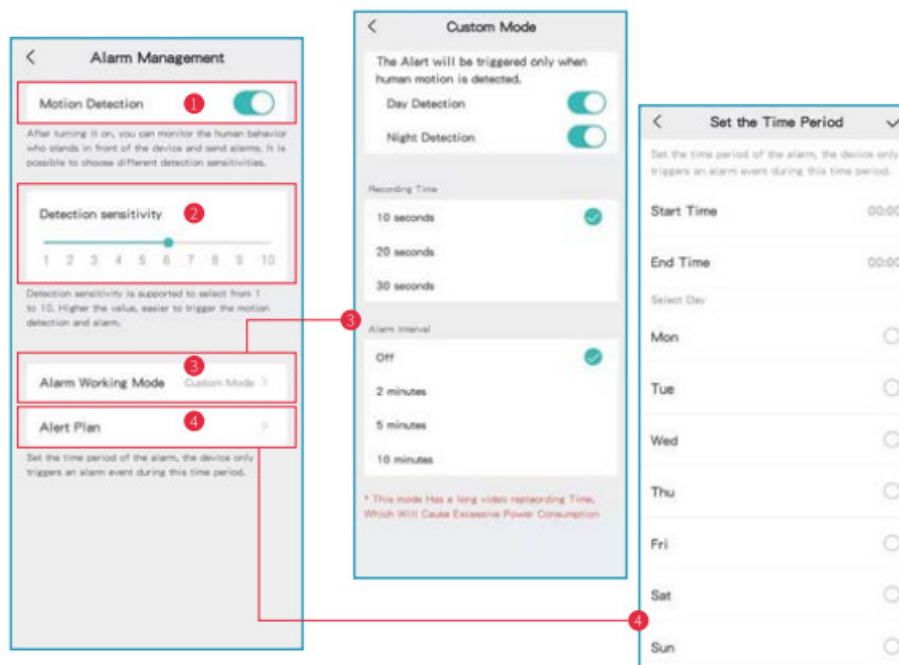
Function Overview



1. Time Stamp
2. Mute Button
3. Resolution Button
4. Full Screen
5. Network Speed
6. Wi-Fi Signal Strength
7. Take a Screenshot
8. Microphone
9. Record a Video
10. ON/OFF Motion Detection
11. Find your Video or Screenshot
12. Setting Button
13. Return to Homepage
14. PZ Control
15. Light Control
16. Siren Control
17. Audio waring and strobe light setting
18. Full-color Mode setting

Motion Detection Setting

The camera not support 24/7 recording. Once the pig sensor detects a movement, the camera will start to record videos. The video clips will be saved to a local SD card or Cloud.



1. Turn on/off motion detection: if you disable motion detection, the camera will not record videos, and you will not receive motion-triggered events.
2. Change detection sensitivity: Sensitivity level from 1-10. It is suggested to set a more high level(6-10) to receive a more detailed event at first. If you feel disturbed by the notifications, you could choose to decrease unnecessary notifications and reduce false alarms
3. Click 'Alarm Working Mode':
Here are 3 functions: Recording time -allows you to record a long video(10-the 30s);
Alarm Interval-select trigger frequency of motion detection,
4. Alert Plan: Set a time period to open the motion detection if you need.

How to Store Recordings

1. Stored By Manual

Go to live video, manually record the video by clicking the 'Record' button to start or end, existing the live view will automatically stop recording.

2. Memory Card

The camera supports a micro SD Card(NOT INCLUDED), up to 128GB.

3. Cloud Storage Plan

With a cloud subscription, you can record and save all video clips to the cloud and view them in your CloudEdge App you could choose Monthly VIP, Season VIP, or Annual VIP.(A newly registered account has 7 days free trial.)

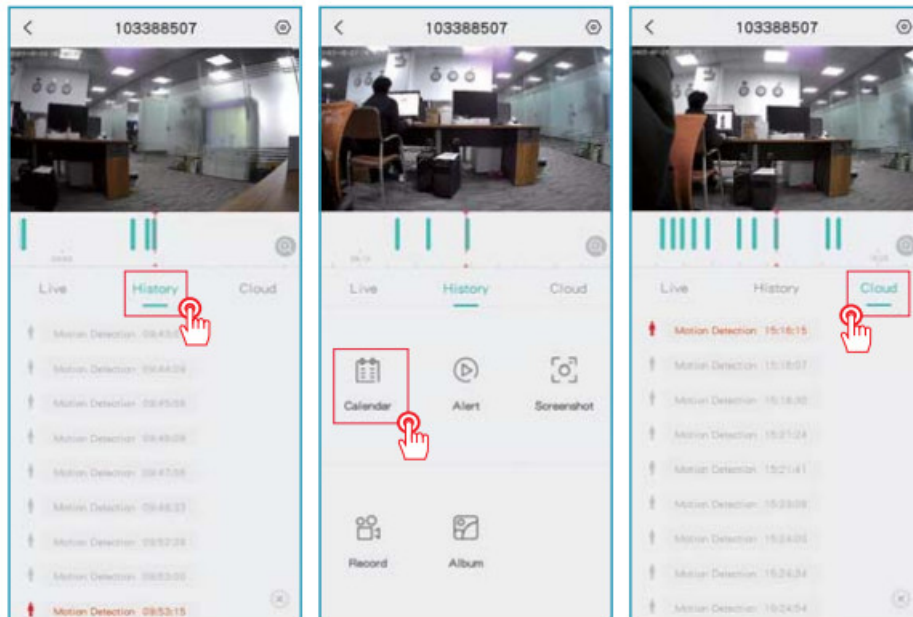
Video Playback

1. Video Playback in SD Card

1. Go to the main interface, click the "History-Alert" icon,you will see today's motion detected events. Tap any of these videos to playback
2. Open the 'Calendar' to trace back and playback early recorded videos.

2. Video Playback in Cloud

Go to the main interface, click the “Cloud-Alert” icon, you will see today’s motion detected events. Tap any of these videos to playback.



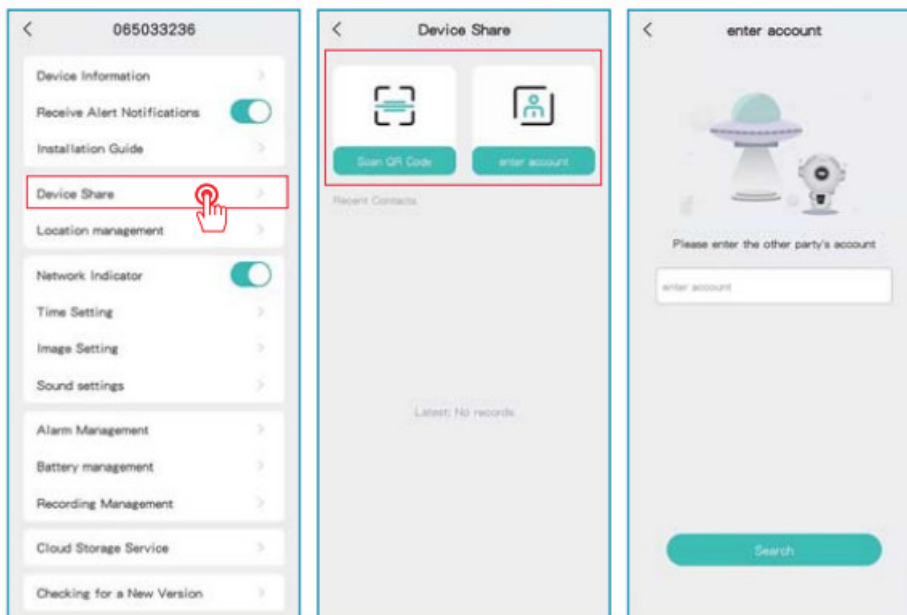
Camera Sharing

When you need to view the camera with other family members or friends, you can use this function. Only the administrator whose account is bound with the camera for the first time can share and set the device. Other members can only view the live or playbacks of the device

NOTE: You can not share accounts in different registered regions.

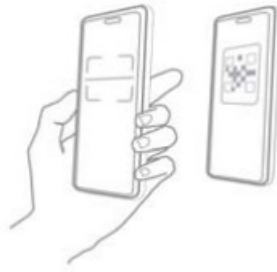
Step 1: Click 'Device Share' on the setting page.

Step 2: Click 'Scan QR Code'



Step 3:

Scan the QR code for the mobile you want to add and you will receive the confirmation notification after success. The sharing will be completed after you agree



If you choose to enter an account, you could search for the account you would like to add.

Charging the Camera

1. Way of Charging

The APP will remind you to charge your camera when the battery is low. Please use the Micro USB cable to plug into the 5V/1.5A charging adapter to charge the camera. During charging, the camera's indicator is red, and when the camera is fully charged, the indicator light will turn solid blue. It will take about 8 hours to fully charge. You could use the solar panel to charge the camera.

Note: The accurate battery level can be viewed in Setting- Battery Management'

2. About Battery

This camera adopts innovative low-power technology and has different power consumption in different scenarios, giving it a more durable standby capability. When there is no motion detection, the camera will enter sleep mode with the lowest power consumption. When a motion is detected, the camera will be woken up immediately and start recording a video.

Notes

1. If the camera is pointed to a busy street, it will be woken up frequently and detect massive movements, as a result, the battery power will be consumed quickly.
2. The battery consumption and standby time are closely related to the number of detected motions a day. The more detected motions, the faster battery consumption and the shorter battery standby time.
3. The typical estimated life of a Lithium-ion battery is about two to three years or 300 to 500 charge cycles whichever occurs first. One charge cycle is a period of use from fully charged, to fully discharged.
4. The recommended operation environment for the camera is 4F-140°F (20°C-60°C). For lower temperatures, it may slow down the battery performance.

FAQ

Q1: Will the camera show red lights when night vision is activated?

AL: The built-in infrared lamp beads make the camera only show some dim red lights when night vision is activated, but the image quality is still clear under a light environment.

Q2: I have selected 2. 4GHz Wi-Fi and input the Wi-Fi password correctly, why does the camera still not connect to Wi-Fi?

A2:

1. Please make sure the network you used in your camera and the phone are the same one,
2. Please make sure your router opens the DHCP, you can log in to the router setting and find the DHCP to check if it is closed or opened. If it is closed, then it will not distribute the IP address to this IP camera and it will fail.
3. Please make sure the network you used is 2. 4GHz, not 5GHz. Meanwhile, please set the Wi-Fi authentication method to WPA2-PSK or other lower level of security method. A password is required.

4. This camera does not accept the special characters & % # ! @ (including network name and password).
5. 1four Wi-Fi has an admin password and guest password, please use the admin password to connect the camera.
6. Please access the camera's setting to confirm its Wi-Fi signal, please make sure the Wi-Fi signal is strong
7. If four cameras cant connect well but your network is good, please take out your SD card and try again, it may be that the SD card is incompatible.
8. 1fthe device connected to WL.Fi is excessive it will cause the IP address conflict and fail to connect to WL.Fi,
9. Please keep the camera at least 1 meter away from any wireless devices or metal in order to avoid wireless interference, including Wi-Fi routers and phones.
10. If you want to change Wi-Fi to connect the camera, please reset the camera y clicking the 'Reset' button(network configuration) until you hear a short sound of music, the indicator light will flash in red, then reconnect the camera to the app.If the camera is successfully connected, the indicator light will show blue

Q3: How far should the camera be placed from the router?

A3: After testing, the Wi-Fi connection distance can normally reach up to 150 meters in the open area. However, the actual situation depends on the strength of Wi-Fi and its surrounding environment (thick walls, electromagnetic devices, and large metal objects will all cause interference to the Wi-Fi signals). If the camera connection signal is weak or unstable, please place the camera as close to the router as possible.

Q4: What is the maximum length of recording time?

A4: You can choose the recording time in the app. The camera can record for a fixed time of 10-30s

Q5: Why can't receive push notifications to my phone?

A6: Firstly, please make sure that 'Receive Alert Notifications' is turned on in your App Secondly, check your phone settings, and allow the app to send push notifications to your phone. Thirdly, please make sure the app is running in the background to receive notifications(Android system)

Q6: Why/can't hear any sounds from my camera?

A6: The camera will record sound automatically, please turn on the sound icon if you want to hear sound sat live viewing. If you want to get a two-way audio function, please remember to turn on two-way talk from the camera setting.

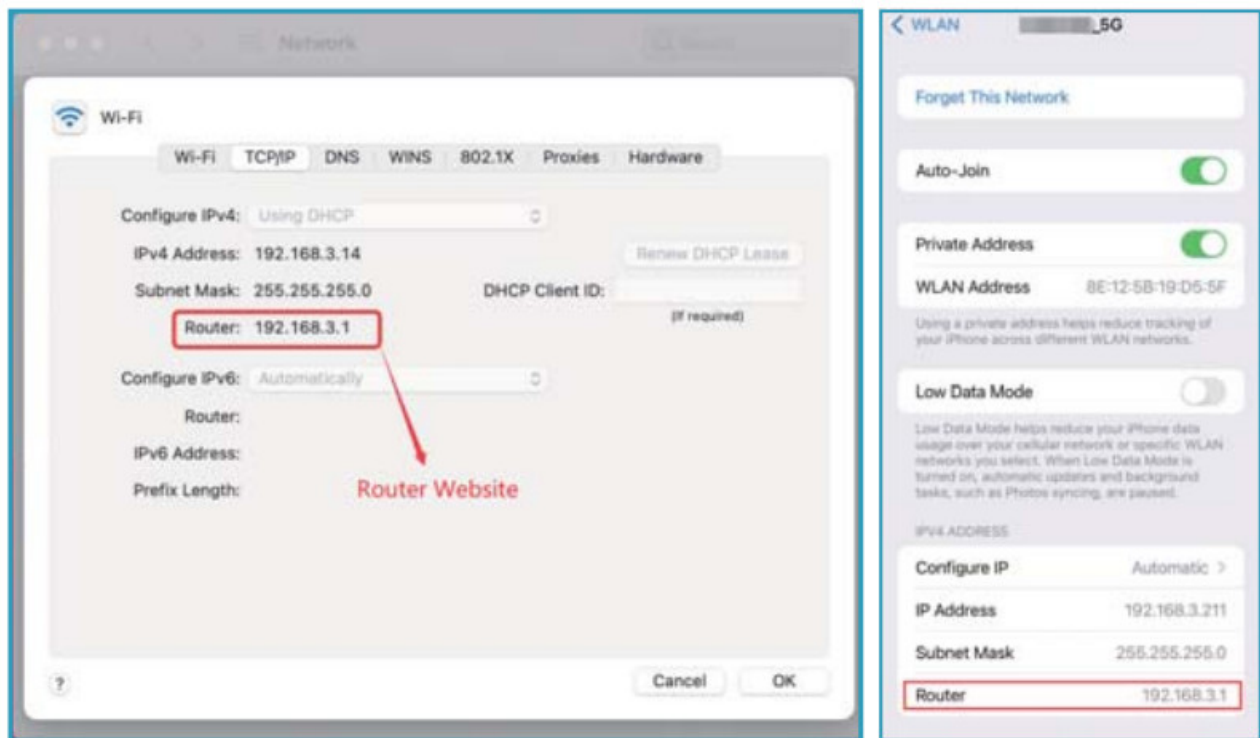
Q7: Does my phone has to connect to the same Wi-Fi as the cameras? pr do I need to connect to Wi. Fi to view the camera?

A7: No,it doesn't. As long as the camera is well connected with your home W.Fi, you can use WLAN or Celluar data.

Q8: How can I differentiate the 2.4GHz and 5GHz Wi-Fi?

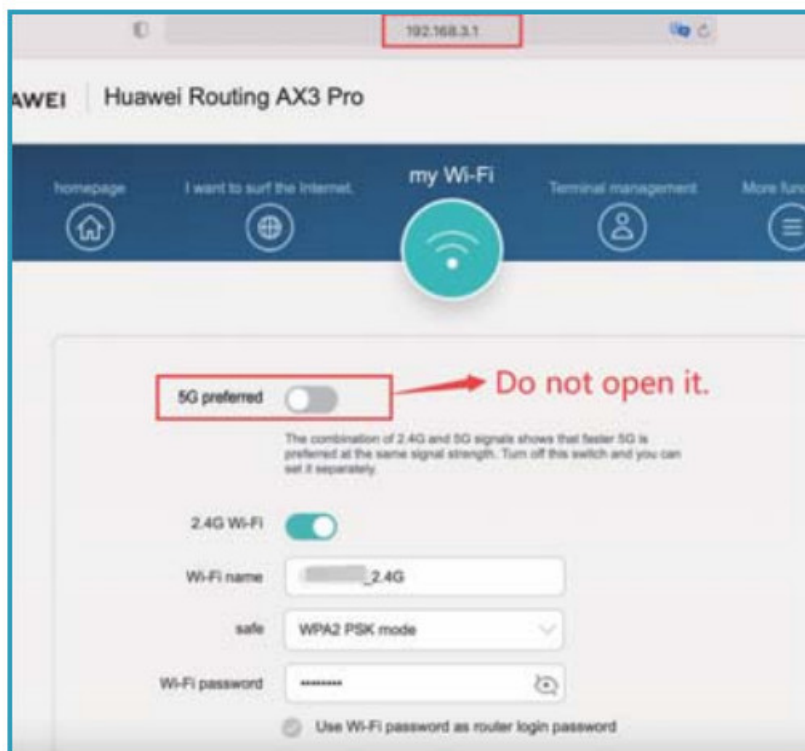
A8: You could check the user manual of the router and try to contact the network operator for help. Or If you use a dual-band router.You could try to confirm it yourself

Step 1: ind the router website on your computer/laptop. Or if you have connected your Wi-Fi on your phone,click your Wi-Fi for router information,



Step 2:

Sign in to your router account, and Rename your Wi-Fi with 2.4G and 5G respectively for easy distinction. (Do not use 5G preferred, 2.4Ghz & 5Ghz will mix together if you open it, You don't know whether you have connected to 2.4Ghz Wi-Fi or 5Ghz W-Fi)



5G Wi-Fi ☒

Wi-Fi name

safe WPA2 PSK mode

Wi-Fi password

Wi-Fi 5 Alternate Network ☐

Some Wi-Fi 5 devices (such as some notebooks that use Intel cards) can connect this Wi-Fi 6 signal when they cannot be scanned due to the old network card driver.

save

Wi-Fi power mode through the wall

save

Step 3:

Choose 24G Wi-Fi and then connect it to your phone. Then begin to connect your camera



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.

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

NOTE: 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: This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter

RF Exposure Statement

To maintain compliance with FCC’s RF exposure guidelines, This equipment should be installed and operated at a minimum distance of m the radiator of your body. This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter

Documents / Resources

	<p>Shenzhen Bovision Technology BF-A40 Wireless Battery Powered Camera [pdf] User Guide</p> <p>BF-A40, BFA40, 2AVKP-BF-A40, 2AVKPBFA40, BF-A40 Wireless Battery Powered Camera, BF-A40, Wireless Battery Powered Camera</p>
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