

BOIFUN



User Manual

Sales Email: admin@boifun.net

HOW TO ACTIVATE

2 YEARS WARRANTY ?

Send us Your Order Number via Email

**2 YEARS
WARRANTY**

Email Address : admin@boifun.net

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. If it 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.

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).

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

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.
- (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 environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

(FCC ID: 2AUSP-BELL)

English 01-14

Español 16-29

1. After-sale support

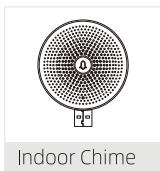
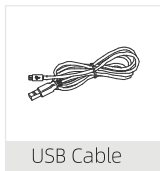
Thank you for purchasing our BOIFUN smart video doorbell. We provided 12 months warranty. If you have any problems or suggestions, please feel free to contact us by Amazon message or send e-mails to our official mailbox (admin@boifun.net). The best service will be offered to you.

Note:

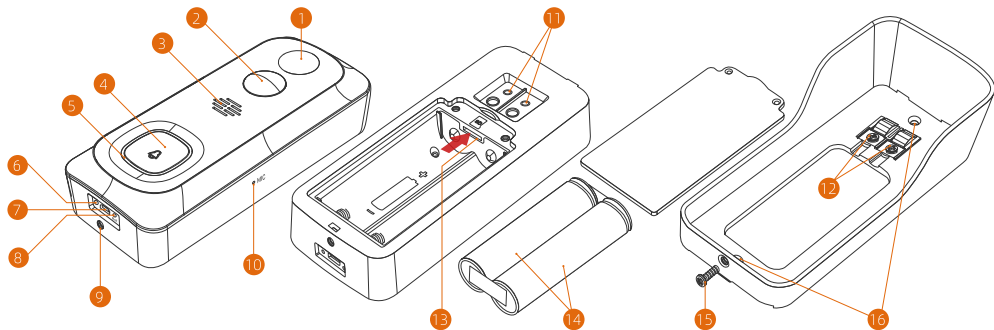
- The smart video doorbell only supports 2.4GHz WIFI, it doesn't support 5GHz WIFI.
- Pay attention to the positive and negative poles of the battery when installing and removing the battery to prevent explosion.
- The battery is model 18650.
- Please ensure that the Wi-Fi signal strength is to be over than 75%; if the smart video doorbell is far away from the signal source, it won't be connected successfully for the first time.
- If your router is connected with too many devices, the smart video doorbell will fail to connect Wi-Fi because of the IP address conflict.
- This smart video doorbell does not support PC Browser and Software.
- This smart video doorbell supports events recording when Wi-Fi disconnected.
- Video playback works in CloudEdge APP only. It does not support the 3rd party player.
- Manually snapshot and recording files are saved in mobile. Events snapshot files are saved in Cloud. Events recording files are saved in Micro SD card.
- It will consume the batteries power if you watch live footage or the recorded videos in APP from the SD card.

2. What's in the box

Please consult below checklist for all the components.

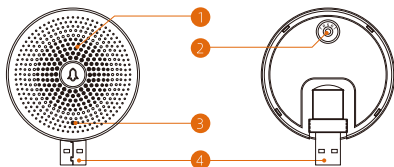


3. Meet the doorbell



- | | | | |
|--------------------------|-----------------------------|------------------------------|--------------------------------|
| 1 2MP camera | 5 LED indicator | 9 Security screw hole | 13 Micro-SD card slot |
| 2 Motion sensor | 6 Charging indicator | 10 Microphone | 14 18650 Battery pack |
| 3 Speakers | 7 Micro-USB port | 11 Power contacts | 15 Security screw |
| 4 Doorbell button | 8 Reset hole | 12 Hardwire terminals | 16 Mounting screw holes |

4. Meet the chime



1 Speakers

2 Reset

3 LED Indicator

4 USB Port (Type-A/M)

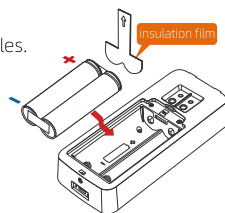
5. Battery installation

The batteries are pre-installed in the doorbell, with an insulation film inserted in the positive poles.

Please remove the film and insert the battery pack back to compartment, with positive poles upwards!

Note:

Improper battery installation will cause damage to the internal components and may result in serious injury.



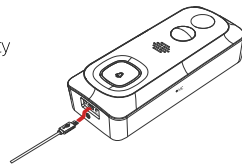
6. Battery charging

The batteries inside the doorbell are not fully charged in accordance with transportation safety regulations.

Please charge the batteries with a USB compatible wall charger (not included) and the provided USB cable for about 8~10 hours prior to installation.

Battery management:

The battery life is depends on the activated frequency. Here's some simply setting to avoid



Battery management:

The battery life is depends on the activated frequency. Here's some simply setting to avoid unnecessary power loss:

- 1) Set the recording time to normally 20-30s which is enough for daily needs.
- 2) It is recommended to lower down the "Motion Detection" sensitivity or open the "Human Motion Detection" function.
- 3) When the doorbell is facing the main road, it is recommended to adjust the angle of the doorbell to avoid unnecessary activation.
- 4) Make sure the Wi-Fi signal strength is over 75%, if it's lower than 75%, the doorbell will be continuously activated. Install the camera close to the router or add a Wi-Fi extender to improve the Wi-Fi performance of the house.

If you tried and still can't solve the issue, please feel free to send email to admin@boifun.net

7. Download the app

Download and install the "CloudEdge" App from Google Play™ or the App Store™. The App is also available by scanning the QR codes, using your QR code scanner on your smart phone.

Note:

Google Play™ is a trademark of Google Inc.

App Store™ is a service mark of Apple Inc.

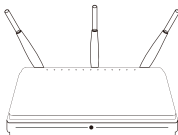
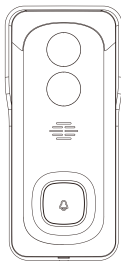


iOS



Android

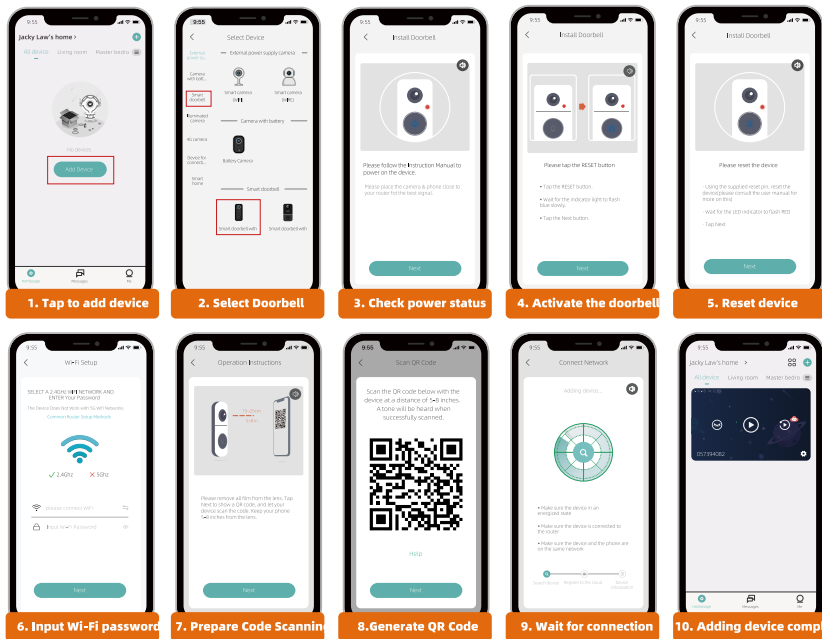
8. Wi-Fi set up



Tips for set up:

- 1) Make sure the device is within 10 meters or 30 feet range of your router.
- 2) Check if your router is up and functioning, and perform the configuration near your Wi-Fi router.
- 3) Check that your device is away from any devices that cause interference (such as microwaves, baby monitors, or other electronic devices).
- 4) If you have separate network names for the 2.4 GHz and 5 GHz bands, please make sure you are connected to a 2.4 GHz network.
- 5) Avoid using special characters or symbols like)(@~!#\$%^&*... either in your Wi-Fi name or password.
If your issues haven't be solved, please feel free to send email to admin@boifun.net.

Guiding steps:



9. Run a test

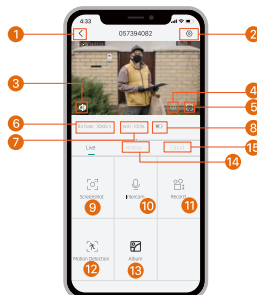
After setup, tap on the live view window in the App for a test. Then take your doorbell outside to the installation spot and run a test there. Make sure the installation spot is covered by strong 2.4 GHz Wi-Fi signal.

Note:

If the video quality from the doorbell outside is not as good as it was indoors, you may need to move your router closer to your installation spot, or invest in an Wi-Fi extender.

10. Live viewing

- ① Quit live viewing
- ② Setting menu
- ③ Volume on/off
- ④ HD/SD switch
- ⑤ Full screen display
- ⑥ Stream bit rate
- ⑦ Wi-Fi signal status
- ⑧ Battery status
- ⑨ Screenshot button
- ⑩ Speak to the visitor
- ⑪ Record on the phone
- ⑫ Motion detection on/off
- ⑬ Photo Album
- ⑭ Video Playback
- ⑮ Cloud storage service



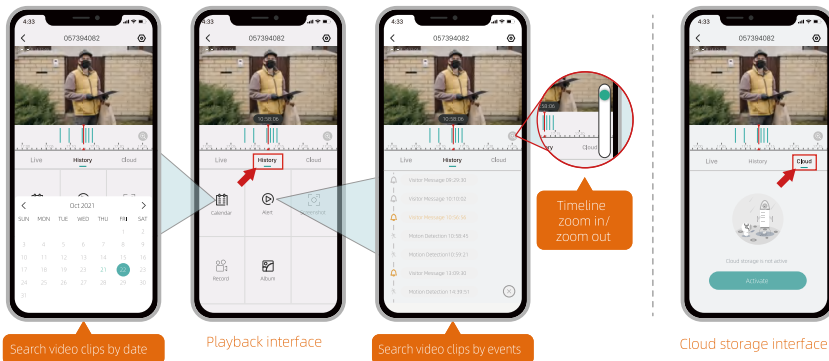
Live view interface

Note:

Live viewing will not trigger video recording.


11. Playback

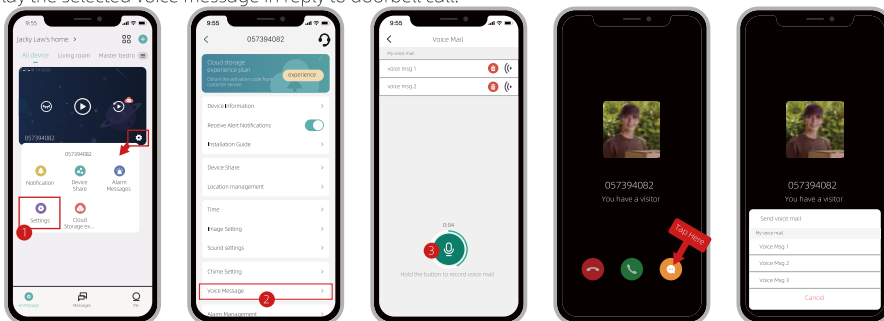
If the Micro-SD card is properly installed, you can playback the video clips taken after detected motions or visitor calls. (Live viewing will not trigger device recording) You can also back up video clips to the cloud, only if you have activated the cloud storage service ([7-Days-Free Trial available](#)).



12. Leave voice messages

Maximum 3 voice messages (Max. 10 seconds each) can be pre-recorded into the doorbell, which enables you to quickly respond to your visitors when you are not convenient to answer the doorbell call.

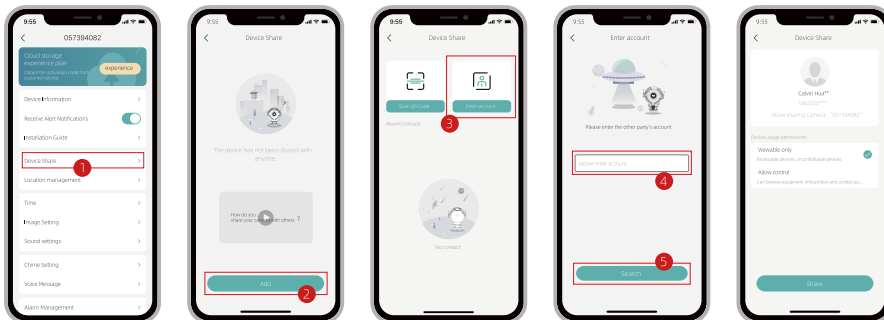
Steps: **Setting** --> **Voice Message** --> Press and hold this icon  to record voice messages --> Push doorbell button --> Play the selected voice message in reply to doorbell call.



13. Share your device


➤ Sharing by account searching

Steps: **Settings** >> **Device Share** >> Tap on "Add" >> Tap on "Account" >> Type in account ID >> Confirm Sharing.

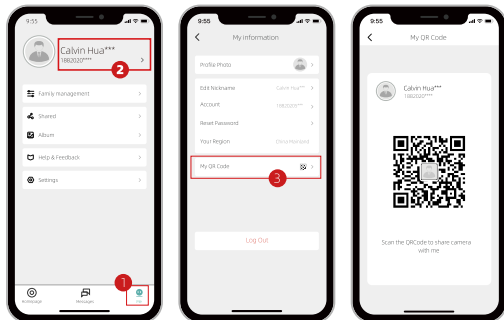


➤ Sharing by QR code scanning

The new users can show their QR codes to the administrator, and share device by QR Code scanning.

Find your QR code: Run **CloudEdge** App >> Tap on "  "User Name" >> "My QR Code" >> Let the administrator scan your QR Code

Me



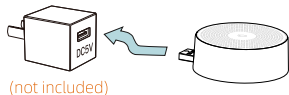
Note:

1. Guide your family members to download and install the **CloudEdge** App, and register an account prior to device-sharing.
2. There is no limitation on the number of users sharing one device.
3. Only the administrator got access to the setting menu. Other users can only live view & playback.
4. All users will receive doorbell calls and alarm notifications.
5. Many users can access to the doorbell simul-taneously, to live view or playback.

14. Connect the chime

➤ 1). Supply power to the chime

The chime can be powered by an USB compatible phone charger (DC5V 1A).
You can also plug the chime to the USB port on your PC/notebook to supply power.

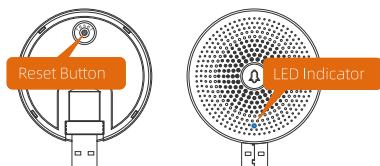


1. Powered by DC5V phone charger.



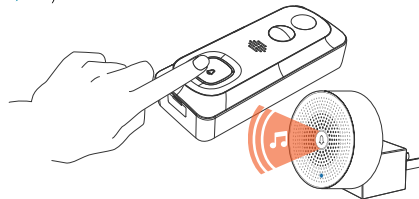
2. Powered by PC USB Port.

➤ 2). Click reset button



Click the **RESET** button on the wireless chime only once, and you will see the LED indicator flashing blue, indicating the chime is in pairing mode.

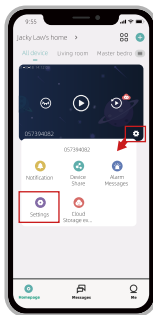
➤ 3). Press the doorbell button



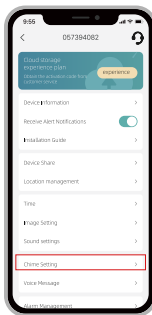
Press the doorbell button, and the Chime will sound to react. Pairing succeeds, and the indicator on the chime will be in solid blue.

➤ 4). Chime settings

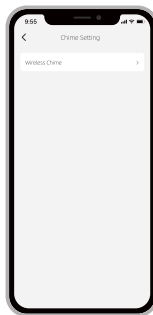
You can enter into the chime setting page following below setting steps, so as to mute the Chime Reminder, select ringtones, adjust chime volume or unbind the connection with doorbell.



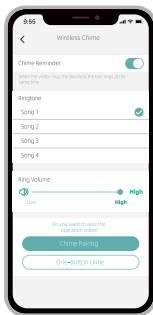
Step.1



Step.2



Step.3



Step.4

Note:

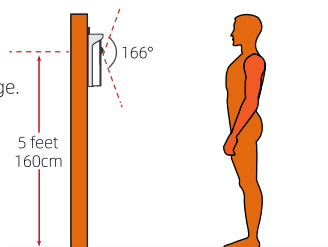
1. Your doorbell communicates with the chime via Radio Frequency, but not WiFi. You can even do the pairing prior to doorbell configuration.
2. You can add many chimes to one doorbell, and vice versa.
3. Press and hold **RESET** button on the chime for 5 seconds till the indicator flashes blue 3 times, and you can also release the connection between the chime and its connected doorbell.

15. Installation

► Select location

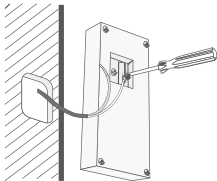
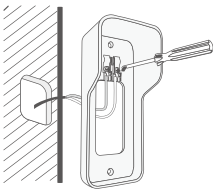
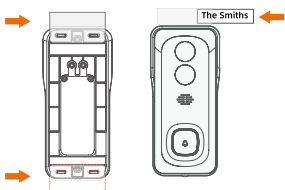
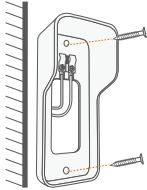
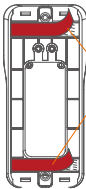
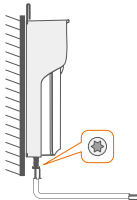
Your doorbell has 166-degree view angle and 120-degree human detection range.

It is suggested to mount your doorbell at least 5 feet (160 cm) above the ground for the best angle of view and motion detection performance.

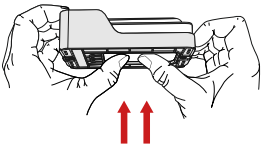
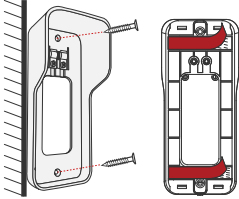
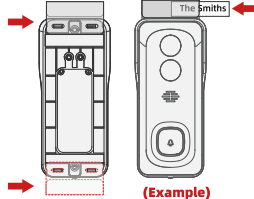
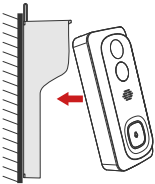
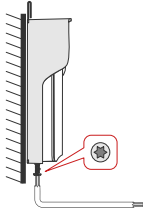



► Hardwire your doorbell (Optional)

The doorbell works with both 12V ~ 24V AC and 12V DC hardwire power source. Either wire can be connected to either terminal. The cable order doesn't matter.

 <p>1. (Optional) Shut off power at the breaker, remove the old doorbell from the wall and disconnect the wires.</p>	 <p>2. Connect the wires to the screw terminals on your mounting bracket. Either wire can be connected to either terminal.</p>	 <p>3. (Optional) The nameplate holder can be mounted on the top rear/ bottom rear of the bracket, prior to bracket installation.</p>
 <p>4. Drive the screws into the anchors, or directly into your wall until the bracket is tightly fastened to your wall.</p>	 <p>5. (Optional) You can also use the provided double-sided tape instead of screws to fix the wall mount on flat surface.</p>	 <p>6. Mount the doorbell to the bracket, and secure it with the provided star-shape security screw and screw driver. All set!</p>

Go wireless installation

 <p>1. Dismount the bracket by pushing from the back of your doorbell. Please remove the insulation film in the battery cell.</p>	 <p>2. Bracket installation: mount the bracket on the wall with screws & anchors or the double-sided adhesive tape.</p>	 <p>3. (Optional) The nameplate holder can be mounted on the top rear/ bottom rear of the bracket, prior to bracket installation.</p>
 <p>4. Mount your doorbell to the fixed bracket. Make sure it reaches the bottom where you can hear a click.</p>	 <p>5. Secure your doorbell with the provided star-shape security screw and screw driver.</p>	 <p>6. All set, congratulations! Now you can press the doorbell button to try it out.</p>

Note:

1. When hardwire your doorbell, please operate under the guide of the professionals.
2. The doorbell works with 12V - 24V AC and 12V DC power source. And either cable can connect to either terminal. The connecting order doesn't matter.
3. If your doorbell is powered solely on batteries, you may need to charge your doorbell once in a while.

Lab-tested battery life: 12 month standby, 6 month regular using activate 20 time per day.
(The actual battery life may be different due to different activation frequency).

16. Specification

> Video doorbell

Video & Audio	
Image Sensor	1/2.7" CMOS (2.0MP)
OS	Lite-OS
Resolution	1920 x 1080 px
Stream	HD/SD dual stream
Infrared LED	High power IR LED with ICR
Lense	1.7mm/F2.0
Angle of view	166°
Min. illumin.	Color: 0.01 Lux; B&W: 0.001Lux
WDR	Digital WDR
Audio	2-way audio with noise cancellation
Storage	
Storage Type	Micro SD Card (Max 128G)
Cloud storage	Support
Recording	Triggered by PIR motion sensor
Network	
Wifi Frequency	2.4 GHz ~ 2.4835 GHz
Standards	IEEE 802.11 b/g/n
Live View Speed	Within 3 ~ 4 Sec
Software	
App Name	CloudEdge
OS	iOS, Android
Remote View	Within 2~4 sec
Notification	Push notification within 2~4 sec
General	
Working Temp. & Humidity	-20°C ~ 50 °C; <90% (No condensation)
Power Source	Lithium 18650 Battery (3.5V, 3350mAh) x 2/ AC 12V ~ 24V hardwire power/ DC 12V hardwire power
Standby Current	300µA
Working Current	250mA
Standby Time	4 ~ 6 Months
Working Time	2 ~ 3 Months (20 times wake up per day)
Battery Charging	DC5V 1A ~ 2A (Micro USB Port)
Firmware Upgrade	OTA (Over-The-Air)
Dimension (mm)	61× 41 × 144
Weight (g)	145 + 90 (Battery weight)

> Indoor Chime

General	
Power source	DC 5V 1A
Power port	USB (Type-A)
Consumption	0.2W
Ringtones	4 ringtongs optional
Volume	Max 100dB
Volume control	Low(mute), middle, high
Connection type	Radio frequency
Frequency	433MHz-868MHz
Place of use	indoor
LED	Flashing blue: pairing mode Solid blue: power on/pairing succeeded Flash blue twice: reset to factory default
Working Temp.	-30 °C ~ 70 °C
Humidity	< 90%, no condensation
Dimension(mm)	Ø60 × 24
Weight (g)	33

17. FAQs:

Q1: Why I failed to set up Wi-Fi for the doorbell?

A1:

- 1) Device works with 2.4GHz Wi-Fi only, but not support 5GHz Wi-Fi.
- 2) Wi-Fi network is not good, try to keep the camera near the Wi-Fi router when setting up.
- 3) The Wi-Fi password is wrong. Please check if there are special characters in the password, or the network is specially encrypted.

Q2: How to improve the battery life performance?

A2:

- 1) Set the recording time to normally 20-30s which is enough for daily needs.
- 2) It is recommended to lower down the "Motion Detection" sensitivity or open the "Human Motion Detection" function.
- 3) When the doorbell is facing the main road, it is recommended to adjust the angle of the doorbell to avoid unnecessary activation.
- 4) Make sure the Wi-Fi signal strength is over 75%, if it's lower than 75%, the doorbell will be continuously activated. Install the camera close to the router or add a Wi-Fi extender to improve the Wi-Fi performance of the house.

Q3: How do I know if I have 2.4G or 5G wifi?

A3: Please check the user manual of your Router or call the network operator for help.

Q4: It has to be on same Wi-Fi to see the camera, or is it over internet from anywhere?

A4: You can view the camera from anywhere, if your camera is well connected to the internet.

Q5: Do any of the recordings get saved to the cloud? Or is it mainly saved in the built-in SD card?

A5: It supports SD card recording as well as cloud storage. You can activate the cloud storage service in App.

Q6: What happens when the SD is full?

A6: When the memory card is full, the camera automatically erase the oldest footage.

Q7: Does it work with Google Home or Alexa?

A7: Sorry, this model does not support Google Home or Alexa.

Q8: Why does it lose connection to wifi?

A8: Please check the network connection of your phone and the Wi-Fi router. If the network signal strength is lower than 75%, the doorbell will be continuously activated. Install the camera close to the router or add a Wi-Fi extender to improve the Wi-Fi performance of the house.

Q9: Can the motion detection be disabled?

A9: Yes, sure. Recording is triggered by detected motions. You can set up the sensitivity or disable motion detection in the setting menu.

Q10: Do we get charger for the batteries?

A10: Battery charger is not included. Please charge the batteries with a USB compatible charger(DC5V 1A~2A) for about 8-10 hours.

Q11: Can we have 2 or more doorbells at the same residence?

A11: Yes, you can add more than one device at the same residence.

Q12: If I have other questions, what can I do?

A12: If you encounter any other problems, please send your order and problem to **admin@boifun.net**.