

EasyRing WiFi Video Doorbell

User Manual

Introduction

This video doorbell is easy and safe to operate. Original unlock password is "1234". This product has below user friendly designs:

1. Restoring factory setting is not necessary. If one monitoring device is lost, just change the admin password from another monitoring device and the lost one will be disconnected.
2. All events, including videos of visitor calls, leaving message, motion detection and tamper alarm, can be recorded.
3. All recorded videos in doorbell's TF card can be downloaded and played remotely by smart phones.
4. Full duplex video intercom with smooth transmission.
5. Realtime video display on mobiles for each call;
6. Wide view angle with clear and no distortion pictures.

Notes: Once powered on, this video intercom might alarm continuously; please fix it well on mounting bracket till it detects the magnet to eliminate tamper alarm.



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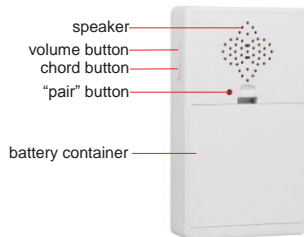
Product Introduction

●Product Diagram

Outdoor Unit



Indoor Chime



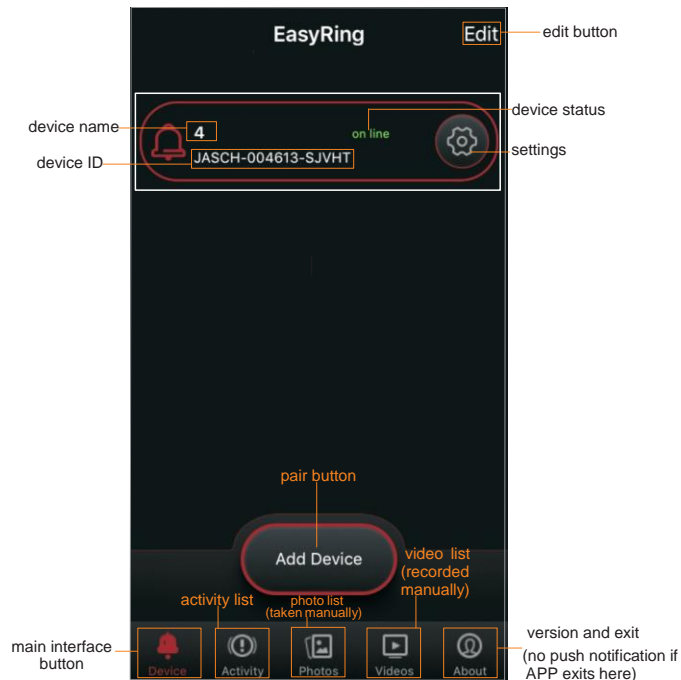
●APP Installation

- For iOS users, please log in APP Store, search, download and install "EasyRing".
- For Android users, please log in Google Play, search, download and install "EasyRing"; or scan QR code on color box and download APP.



EasyRing

●APP Main Interface



White frame introduction: when device is online, click white area into video surveillance interface. When device is offline, click this area to refresh APP.

Push notification introduction of iOS devices:

- When APP is running at background and device status online, for any visitor call, iOS device has push notification.
- When APP is running and device status online, double click iOS device's "Home" key, drag APP, slide it up and stop APP working. Then push notification of intercom calls will be sent to iOS devices.

If APP is exited on APP's "About" interface, push notification will not be sent.

Pairing and Settings

LED indicator:

- Slowly blink from red to blue: Wi-Fi connection not set up;
- Fast blink from red to blue: in pairing or Wi-Fi connecting mode;
- Blue light: connected to router;
- Red light: visitor calling

1. Connect to Power Supply

- Connect DC cable on camera unit to the supplied power adapter; connect adapter to power.
- In around 30 seconds, the LED blinks slowly from red to blue after the beep. It is ready to be configured.

Please note: in case of tamper alarm, put camera unit tightly with mounting bracket to let it detect magnet.

2. Pairing Operation

2.1 for iOS devices:

- Open "Setting", then "Wi-Fi" setting on your iOS device, the video intercom should be listed as a Wi-Fi hotspot (format: idoorphone-xxxxxx), click on it to connect to it (see image 1).
- Use a pin to push the "pair" button and the LED blinks fast (approximately 5 times/sec), and intercom alerts "pairing"; this mode lasts 100 seconds, if not successful, the intercom alerts "pairing failure".
- Run "EasyRing" APP and click "Add Device" (see image 2). The video intercom alerts "paring success" and its status changes to "on line" (see image 3).
- The video intercom LED blinks slow from blue to red. The paring is successful.

2.2 for Android devices:

- Use a pin to push the "pair" button, the LED blinks very fast (approximately 5 times/sec), and intercom alerts "pairing"; this mode lasts 100 seconds, if not successful, the intercom alerts "pairing failure".
- Make sure the Android device is connected to Wi-Fi, run the "EasyRing" APP, click "Add Device" (see APP main interface), APP will auto detect the video intercom and connect to it, the intercom alerts "paring success" (view image 4). LED blinks slowly from red to blue.

- Wi-Fi setting interface auto appears on APP, select the Wi-Fi router (see image 3) and enter the security details (if enabled in the router).

Notes: in rare cases where the Wi-Fi setting interface does not auto appear, you can always restart the APP, then click the "setting" button - "Wi-Fi setting" - "Scan", then select the Wi-Fi router (see image 3) and enter the security details (if enabled).

- The intercom's LED changes to blue, and the paring is successful.

3. Setting up Wi-Fi connection

In the "EasyRing" APP (device status is online), click "Settings"-"WLAN"(after successful paring, Android APP will auto jump to this setting)-"Scan" (as image 3), select the Wi-Fi router and enter security details. Touch "done" in top right corner. Then APP will be auto back to main interface. Intercom alerts "password setting correct". And blue indicator light is on. After this, intercom's Wi-Fi hotspot will be hidden.

If Wi-Fi setting is wrong, intercom alerts "password setting incorrect", APP returns to main interface and LED blinks slowly from red to blue.

4. Add Additional Device

- When intercom is not connected to router: connect extra device's Wi-Fi to intercom's hotspot, use a pin to push the "pair" button, and click APP's "Add Device" on the additional device. Video intercom alerts "paring success" and appears on APP interface (see image 5).
- After intercom is connected to router: connect smartphone's Wi-Fi to router, **which must be same one that intercom is linked to**; use a pin to push the "pair" button; click "Add Device" on additional device's APP. Video intercom alerts "paring success" and appears on APP interface (see image 5).

Note: one intercom can add 4 smartphones and one smartphone support connection with max 6 video intercoms.

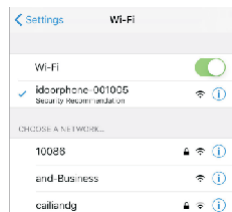


image1

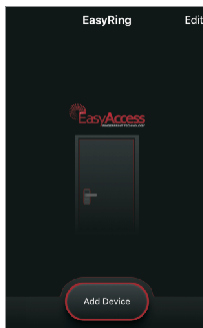


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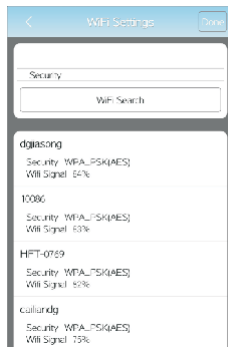


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image4

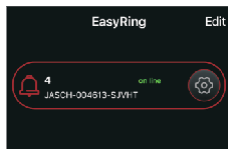


image5

APP Function Introduction (iOS Example)

1. Main Settings

Tap "settings" for each basic function setting(as shown image 6). Click "Done" button after each revision. **Please note settings can only be done when device is online.**

a. **WLAN**: please refer to "Setting up Wi-Fi connection" on Page 4.

b. **User Settings**: revise device's admin password. The initial password "admin" (as image 7 shows).

Note: if admin password is revised, new password need inputting in "Edit"; then device status will be online.

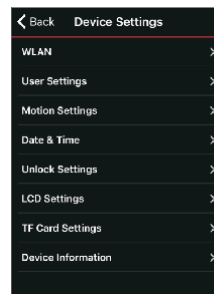


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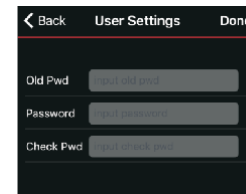


image7

c. **Motion Settings**: enable or disable motion detection function and select sensitivity. (see image 8 and 9). "High" option is recommended.

d. **Date & Time**: synchronize device's time with mobile time. Click "Done" button after revision. (view image 10)

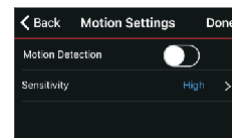


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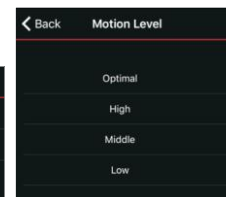


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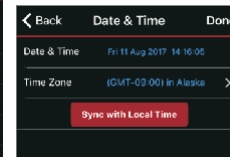


image10

- e. **Unlock Settings:** unlock password and unlock duration can be revised here. Click "Done" button after change. View image11. Original unlock password "1234".
- "Enable Pairing" button works as the "pair" button on the video intercom.
- f. **LCD Settings:** texts on LCD screen of doorbell panel can be edited and entered here. There are two lines. Max 15 characters(including spaces) can be input in the top line. The bottom line allows you to type a longer text or multiple names that scroll. Click "Done" in the top right corner; then texts will be displayed on LCD screen. View Picture 12.
- g. **TF Card:** check capacity of TF card and reformat it (as shown in image 13).
- h. **Device info:** check doorbell software info and manually upgrade latest version. See image 14.
- In device info, iOS APP has additional "Reset Push". Click this button after each software upgrade to ensure push notification workable.

2. Edit

Device can be deleted(view image 15), name revised(view image 16) and new admin password input (see image 17).

Note: admin password can only be revised on "User Setting".

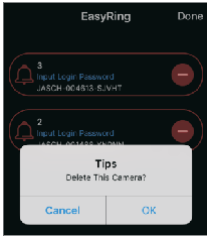


image15

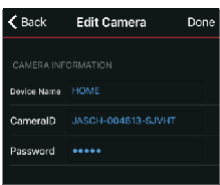


image16

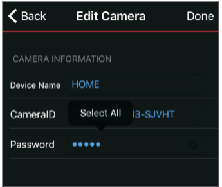


image17

3. Video Intercom

see image 18

An intercom dialog lasts 2 minutes. Each visitor ring lasts 45 seconds; if no response, the video intercom will prompt the visitor to leave a message.

Sound button should be activated before unlock is enabled.

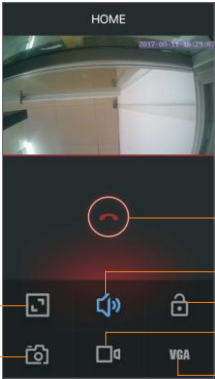


image18

4. Activity

Click "Activity" and all activities can be downloaded (including call, tamper alarm, motion detection and leave messages). Videos can be played after being downloaded (view image 19).

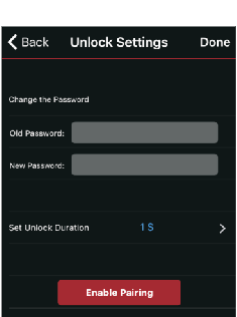


image 11

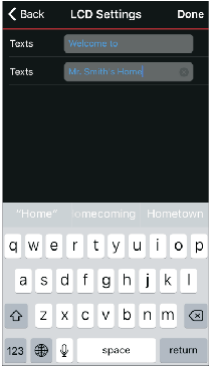


image 12

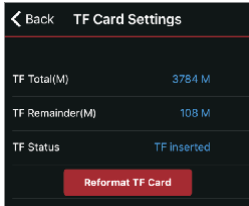


image 13

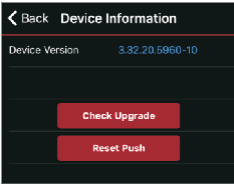


image 14

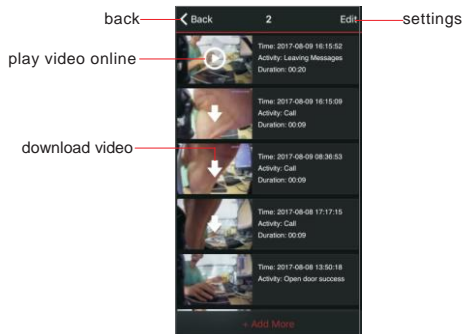


image19

iOS APP: if "1" appears in APP icon's top right corner on iPhone screen, it means there is new activity. Check event details into Activity list; then "1" on icon will disappear.

Remote Unlock by APP (Extra unlock module must be configured)

Original unlock password is "1234". Only one unlock password exists. Password can be revised on APP (refer to APP's "Unlock Setting")

Unlock by APP

In video intercom status, touch "unlock" icon(see image 18), input unlock password and click "OK" for confirmation; "lock opened" appears on APP. (In mute mode, unlock is disabled.)

Android Devices Network Settings

If screen of Android devices is off and into long-time standby status, APP may stop running. Below settings may help:

1. Settings> Permission Manager> Notification Center>Easyring.
Enable "Allow notifications" and "priority display"(view image 20).

2. Settings> Permission Manager> Protected APPS> Easyring
Enable "protected" (as image 20).
3. Settings>Networked apps> Easyring
Enable "Mobile data" and "WLAN" (as image 21 shows).

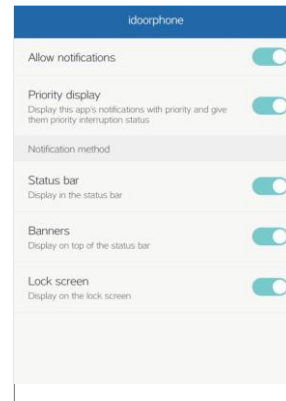
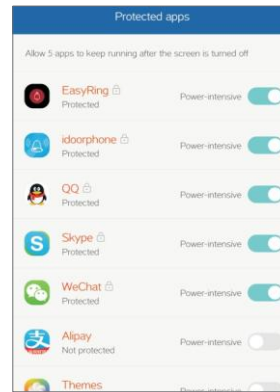


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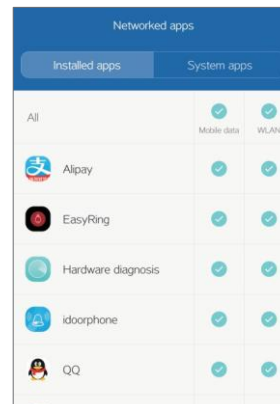
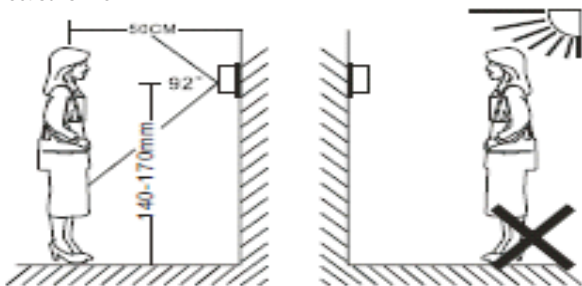


image21

Installation

Installation Guide

Outdoor camera should be installed 1.4-1.7 meter above floor and avoided from direct sunshine.



Installation Instruction

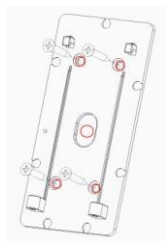


Figure 1

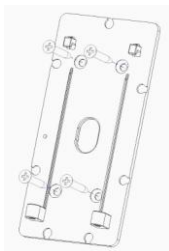


Figure 2

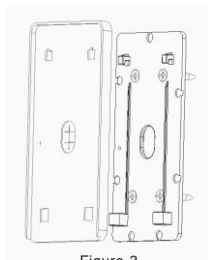


Figure 3



Figure 4

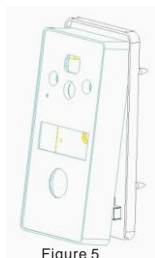


Figure 5

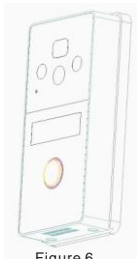


Figure 6



Figure 7

- Punch 5 holes (refer to hole places marked with red circle in Figure 1) on wall. Note the middle hole diameter should exceed 7mm. Put 4 screw stoppers and fix the mounting bracket on the wall with 4 screws (see Figure 2);
- Secure the silicon pad tightly on the mounting bracket (as Figure 3 and 4 shows);
- Pass camera unit's DC cable through the pad, bracket and wall via the middle hole (see Figure 5). Push camera unit tightly into the silicon pad and bracket from top to bottom(see Figure 6). Fix 2 screws at the bottom of the camera unit to secure it on mounting bracket (as Figure 7 shows).
- Connect DC cable with DC12V adapter and make device power on.

Connection between Doorbell and Chime

Steps in detail

- Long push "pair" button on indoor chime. Meanwhile, assemble four 1.5V AA batteries. The chime's red indicator will keep blinking fast.
- Press intercom's "call" button(ensure intercom connection with power) and chime's red indicator lamp will blink one time. Connection of chime and doorbell is finished.

Installation Attention

- Avoid sheltering or covering camera's light sensor;
- Protect camera from direct sunshine;
- Ensure correct wiring otherwise device can't work normally.

Package List

1xvideo intercom, 1x wireless chime, 1xuser manual, 1xDC12V/1A power adapter, 1xDC cable, 1xinstall screws package, 4*AA alkaline batteries, 1xwarning sticker package, 1xunlock module(optional)

FAQ

1. No push notification for iOs devices

- Click "settings" button on iPhone/iPad, click "notification" button and enable "allow notifications" for APP "idoorphone".
- After intercom's software upgrade, resetting push notification is necessary . Detailed steps as below: tap APP's "setting" button, click "device info" and "reset push"button. It will take about 10 seconds to finish resetting.

2. Pairing failure

- a. iOS devices and some Android devices do not support Wifi auto search and link; manually connecting smartphone to intercom's Wifi hotspot is necessary (see image 2). Then do pairing again.
- b. When additional mobiles need pairing to a same intercom, they must be connected with the WLAN that intercom links to.

3. Device status is offline or disconnected.

- a. Check whether intercom is connected with router (see if blue indicator is on) and confirm that wifi/3G/4G signal is available on smartphone.
- b. Ensure network speed about 50k/s under intercom. Poor network will cause disconnection and delay.
- c. Check whether network is available on router.

4. Intercom status appears "user name or password incorrect"

Admin password is revised and need log in with new admin password (see image 12).

5. No response or notification from smartphone for visitor calls.

- a. Android devices: check whether network is available to both intercom and smartphone; and whether APP is running.
- b. iOS devices: check whether network is available to intercom and smartphone.

6. Frequent alerts from motion detection

Tap "settings" on APP, select "Alarm Setting", then choose "High" sensitivity.

7. Activity list is not available normally

TF card works abnormally. Format TF card and re-boot intercom

Warning

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

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

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.

FCC Radiation Exposure Statement

This equipment complied with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.