

IP02 WIFI Remote Video Doorbell



CE

MODEL:RL-IP02

Dear customers, thank you for choosing our products. Please read this manual carefully before using the device and keep it well for future reference.
Notes: Goods in kind prevail. We may update the manual according to the update of the products' functions. Prior notice of changes on the manual will not be given and new version manuals will be printed directly.

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Version 1.0

Product Description

The product is a video intercom product that integrates wireless remote communication and security alarm functions together. It connects home routers through network wire or WIFI and has the remote video intercom function through mobile phone APP terminal. When there is a visitor, mobile phone will have an active prompt message, users can remotely video intercom with the visitor. The doorbell will automatically send an alarm signal to the user's mobile phone when the motion detection function is turned on and there are image changes detected, the user can confirm the outdoor situation through the video and the taken photos will be sent to the user's e-mail box.

Features

1. It adopts GK7102 CPU, it supports maximum 720P 30FPS 2Mbps high definition H264 code output, supports multi-rate.
2. Adopt one megapixel CMOS image sensor and H.264 full-motion video compression technology, ensure high definition images.
3. Professional digital noise reduction and echo cancellation ICs, which ensure high quality intercom voice.
4. Mobile phone terminal remotely lock release function.
5. Various network connection options, users can connect the internet through network wire or WIFI.
6. Motion detecting function. Under armed mode, when physical body moving is detected, the doorbell will give out an alarm sound and send alarm signals to the mobile phone, pictures taken also will be sent to the e-mail box.
7. Night vision function. Adopt infrared night vision light, which can ensure high definition images even at night.

Package Contents



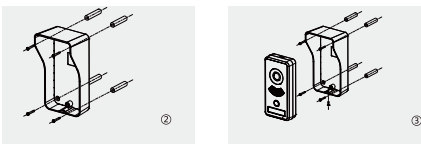
- Main unit × 1
- Adapter × 1
- User manual × 1
- Screws × 1

Installation

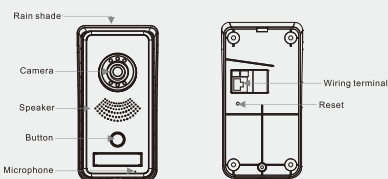
1. Install the rain shade on the door at 1.4m~1.7m height up from the ground (according to the camera's effect), avoid direct sunlight.



2. Fix the rain shade with the enclosed screws by referring to the diagram below.
3. Put the outdoor unit in the rain shade after finish wire connection (see the picture below), and then fasten the outdoor unit with screws.

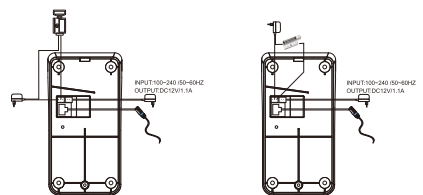


Panel Introduction



Wiring Diagram

1. Connect with an electric lock
2. Connect with a magnetic lock



Note: The enclosed adapter in the package is for the main unit, not the power supply for unlocking.

Operation Instruction

A. Product Introduction.

1. Adopt high-performance ARM SOC chips, 720P CMOS sensor and H264 encode, support infrared night vision function.
2. Support WIFI or wire connection with internet. Adopt 802.11b/g/n protocol, support one-click wifi password setting.
3. Motion detection function, alarm signals can be sent to the user's mobile phones.
4. Remotely SmartLock unlocking function.
5. Adopt professional digital noise reduction and echo cancellation algorithm, duplex two-way intercom is available on both the device terminal and the mobile phone app.
6. Max 8 users' APP can be connected to the device at the same time.

B. Installation

- **Power supply instruction.**
 - DC 12V Power Supply
- The doorbell can wireless connect with home routers, but if the router's signal is too weak to cover the installation area, high power router is recommended.
- **APP installation instructions.**
 - VDP
- Users can scan the barcode on the packing box by their mobile phones/ iPad/iPad to download the APP.

C. Add Devices

1. DC 12V power supply, add device through connecting WIFI, Automatically add.
2. Please make sure the WIFI signals can cover the doorbell's installation area. Connect your mobile phone with WIFI, login the APP > click the "+" button > WIFI configuration > enter the WIFI password > start configuration. You can know whether the WIFI configuration is succeed by the outdoor unit's indicating information. (If the device is already connected with the network, this function will be invalid and restoration operation is needed if you want to restore the function. Please refer to the restoration operation.)
3. After the device is successfully connected to the network, all the devices on the LAN will be found and displayed on "My device" list. (Please see the pictures below.)



D. Device Settings

- 1) **Edit the device name.**
On "My device" page, click the "Setting" button on the right side to enter device setting interface. Click the "Device Name" to enter device name setting, input the device name you want to set and then click "ok" to save the setting. (Please see the pictures below.)



2) Motion detection setting.

Click the "Motion detection" button to enter the setting page, turn on this function and then select the detection time. Note: The motion detection function will be on only during the detection time you selected. Click the "√" button on the top right side to save the setting. (Please see the pictures below.)



E. Video Intercom

1) Real time monitoring.

Click the current device to enter the video intercom interface, it will start the talking and video functions between users and outdoor unit. (Please see the pictures below.)



- **Unlock:** Click the "Unlock" button to release the electric lock.
- **Video recording:** Click the "Video" button to start video recording, the recorded videos will be saved on the smart terminals, click the "Video" button again to stop recording.
- **Photo taking:** Click the "Photos" button to take pictures by the device, the taken photos will be saved on the smart terminal.
- **End a call:** Click "End a call" button to hang up the current call.

2) Incoming calls.

When there is a call from the visitor, a calling interface will pop up on the smart terminal. Users can intercom with the visitor after the call is answered. (See the pictures below.)



- **Unlock:** Click the "Unlock" button to release the electric lock.
- **Video recording:** Click the "Video" button to start video recording, the recorded videos will be saved on the smart terminals, click the "Video" button again to stop recording.
- **Photo taking:** Click the "Photos" button to take pictures by the device, the taken photos will be saved on the smart terminal.
- **End a call:** Click "End a call" button to hang up the current call.

F. Records

1) Check the records.

Click the "Record" button to enter the record page; you can check the calling record information of each device. Slide the media player to check the photos and videos. (See the picture below)



2) Delete Records.

Click the "Cancel" button on the top right side, select the records you want to delete and then click the delete button on the bottom right corner, click "ok" to delete the records. (See the pictures below.)



G. APP Settings

1) Ring Setting.

Click "Setting" to enter the setting page, clicks "Ring" to set the doorbell ringtone and alarm ringtone (see the pictures below), click the "√" button on the top right corner to save the setting.



2) Vibration Setting.

Slide the vibrate button to turn on or turn off the vibration function when there is a call or alarm.

3) About.

Check the current version, if the current version is not the latest version, you can download the latest APP on our official website.

4) Exit.

Click the "Exit" button, the APP will be offline. Calling and alarm information messages will be sent to the user's smart terminals.

H. FAQ

1) The APP cannot find new devices when adding a device.

- Please check whether the doorbell and the mobile phone is in the same LAN.
- If wired network is used, please check whether the network indicator light is on.
- You can reset the device as factory default.

2) Devices not online.

- Please click the refresh button on the top left corner to refresh the device status.
- Please check whether the doorbell is connected to network and the network indicator light is on.
- Please check whether the router's network is normal. Please check whether the mobile phone is connected to network normally.

3) The camera is offline when talking.

- Please check the device's online-state.
- 5G network is not supported by the doorbell; please connect the mobile phone with 2.4G WIFI network.
- Please connect the mobile phone and the outdoor unit to the same wireless router. After the network configuration is finished, remote controlling can be achieved on the mobile phone through WIFI or 3G, 4G, 5G mobile network.

I. Factory Default Reset

All the setting will be cleared if the factory reset is done, including WIFI information, access password and alarm information. The operation method is as below:

Find the reset button on the back of the device, use a needle to press and hold it for 3 seconds under standby mode, you can hear a sound saying "Reset the product successfully, the system will restart", which means the factory reset is done successfully.

Technical Parameters

Camera: one megapixel CMOS
Power supply: DC 12V
Working current: <400mA
Max power consumption: <5W
Outline size: 163*85*62mm