

RL RL-B17CWIFI

RL-B17CWIFI 7" WiFi Video Door Bell User Manual

Model: RL-B17CWIFI

1. INTRODUCTION

Thank you for choosing the RL-B17CWIFI 7" WiFi Video Door Bell. This system allows you to monitor your home, communicate with visitors, and manage door access remotely via a mobile application on Android and iOS devices. This manual provides essential information for the proper installation, operation, and maintenance of your video door bell system.

2. PRODUCT OVERVIEW

The RL-B17CWIFI system consists of an outdoor unit (door bell camera) and a 7-inch indoor monitor. Key features include:

- **WiFi Connectivity:** Connects to your home network for remote access.
- **7-inch Indoor Screen:** Provides a clear view of visitors and system status.
- **Mobile App Control:** Monitor, communicate, and unlock doors from your smartphone (Android & iOS).
- **Remote Door Unlock:** Unlock main doors or gates remotely via the app or indoor unit.
- **Photo Taking & Video Recording:** Capture images or record video of visitors through the mobile app.
- **Two-Way Communication:** Speak with visitors at your door.

3. SAFETY INFORMATION

Please read and follow these safety guidelines to ensure safe operation and prevent damage:

- Do not expose the units to extreme temperatures, humidity, or direct sunlight.
- Ensure proper power supply as specified in the technical specifications.
- Avoid disassembling or modifying the device, as this may void the warranty and pose safety risks.
- Keep the outdoor unit clear of obstructions for optimal camera view.
- Consult a qualified technician for installation if you are unsure about electrical wiring.

4. INSTALLATION AND SETUP

4.1 Outdoor Unit Installation

Mount the outdoor unit at an appropriate height near your door or gate, ensuring a clear view of visitors. Connect the necessary wiring for power and door lock control according to the provided wiring diagram (not included in this manual, refer to packaging for full diagram).





Image: The outdoor unit of the RL-B17CWIFI video door bell, featuring a camera, speaker, microphone, and call button, enclosed in a protective housing.

4.2 Indoor Monitor Installation

Install the 7-inch indoor monitor in a convenient location within your home. Connect it to the power adapter and the outdoor unit using the appropriate cables. Ensure it is within range of your WiFi network for optimal performance.



Image: The 7-inch indoor monitor of the RL-B17CWIFI system, displaying a live video feed and featuring touch-sensitive control buttons for various functions.

4.3 Mobile App Setup

Download the "VDP" application from the Google Play Store (for Android) or Apple App Store (for iOS). Follow the in-app instructions to register an account and pair your RL-B17CWIFI system with your mobile device. This typically involves scanning a QR code or entering a device ID.

5. OPERATION

5.1 Receiving a Call

When a visitor presses the button on the outdoor unit, both the indoor monitor and your paired mobile phone(s) will ring simultaneously. You can answer the call from either device.

- **Indoor Monitor:** Press the answer button on the screen to establish two-way communication.
- **Mobile App:** Open the VDP app and accept the incoming call notification to view the visitor and communicate.

5.2 Remote Monitoring

You can initiate live monitoring of your outdoor unit at any time through the VDP mobile app. This allows you to check your property even when no one has pressed the doorbell.

5.3 Unlocking the Door

The system supports remote unlocking of an electronically controlled door strike or gate. This function is optional and requires compatible door lock hardware.

- **Indoor Monitor:** Press the dedicated unlock button on the indoor unit.
- **Mobile App:** Tap the unlock icon within the VDP app during a call or while monitoring.

5.4 Photo Taking and Video Recording

While communicating with a visitor or during live monitoring via the mobile app, you can capture still images or record video clips.

- Access the photo/video recording functions directly within the VDP mobile application interface.
- Captured media will be stored on your mobile device or the system's internal storage (if applicable).

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your video door bell system:

- **Cleaning:** Use a soft, dry cloth to clean the indoor monitor screen and outdoor unit lens. Avoid abrasive cleaners or solvents.
- **Firmware Updates:** Periodically check the VDP app for available firmware updates for your device to ensure the latest features and security patches.
- **Outdoor Unit:** Ensure the camera lens is free from dirt, dust, or spiderwebs that could obstruct the view.
- **Power Supply:** Verify that power connections are secure and free from damage.

7. TROUBLESHOOTING

If you encounter issues with your RL-B17CWIFI system, refer to the following common solutions:

- **No Power to Indoor/Outdoor Unit:** Check all power connections and ensure the power adapter is

plugged into a working outlet.

- **No Video/Audio:** Verify all cables between the indoor and outdoor units are securely connected. Ensure the camera lens is clean.
- **Mobile App Not Connecting:** Ensure your indoor monitor is connected to your home WiFi network. Check your mobile device's internet connection. Restart the VDP app and try re-pairing the device if necessary.
- **Door Unlock Not Working:** Confirm that the electronic door lock is properly installed and wired to the outdoor unit. Check the power supply to the door lock.
- **Poor Video Quality:** Ensure the camera lens is clean. Check your WiFi signal strength; a weak signal can affect video streaming quality.

If problems persist, contact customer support for further assistance.

8. SPECIFICATIONS

Detailed technical specifications for the RL-B17CWIFI system:

RL-B17FWIFI



FEATURES



WiFi



Photo Taking



Unlock



Video Recording



Doorphone



Smartphone Control

PRODUCT DESCRIPTION

- ♦ **Monitoring & security**
You can monitor what's going on via APP at home no matter where you are.
- ♦ **Unlock door strike by mobile**
When someone presses the button on the outdoor unit, the mobile phone and the indoor unit will ring together. you can unlock the door strike remotely by APP, or unlock by the indoor unit.
- ♦ **Photo taking & video recording**
Users can select photo taking or video recording function through mobile. Users can take photos or record video via APP.

SPECIFICATIONS

INDOOR UNIT	
SCREEN SIZE	7 inch

🕒	MONITORING TIME	40S±10%
🔌	ADAPTER INPUT VOLTAGE	AC100~240V 50Hz/60Hz
⚡	POWER CONSUMPTION	Standby State<4.5W, Working State<9.5W
📏	OUTLINE DIMENSIONS	215*152*18mm
OUTDOOR UNIT		
🌡️	WORKING TEMPERATURE	-15°C~+50°C
📺	RESOLUTION	≈700TVL
👁️	VIEWING ANGLE	55°
📏	OUTLINE DIMENSIONS	130*51*47mm

Image: A diagram illustrating the features and detailed specifications for both the indoor and outdoor units of the RL-B17CWIFI video door bell system.

Indoor Unit

- **Screen Size:** 7 inch
- **Monitoring Time:** 40s ± 10%
- **Adapter Input Voltage:** AC100-240V 50Hz/60Hz
- **Power Consumption:** Standby State < 4.5W, Working State < 9.0W
- **Outline Dimensions:** 215 x 152 x 18 mm
- **Primary Material:** Plastic
- **Color:** White

Outdoor Unit

- **Working Temperature:** -15°C to +50°C
- **Resolution:** 700TVL
- **Viewing Angle:** 55°
- **Outline Dimensions:** 130 x 51 x 47 mm
- **Item Part Number:** A5-Z57DP-4EK2

9. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. Please refer to your purchase documentation for specific warranty terms and duration. For technical support, troubleshooting assistance, or warranty

claims, please contact your retailer or the manufacturer's customer service department.

Manufacturer: RL

Date First Available: 21 March 2018