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WOLILIWO WiFi-V90R-M4

WOLILIWO Video Doorbell Intercom System User Manual

Model: WiFi-V90R-M4
Brand: WOLILIWO

1. Introduction

Thank you for choosing the WOLILIWO Video Doorbell Intercom System. This system is designed to enhance the security and convenience of your home or office by providing clear two-way communication with visitors, remote unlocking capabilities, and real-time monitoring. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance of your device.

2. Key Features

- **Never Miss a Visitor:** Wired video intercom system with WiFi connectivity. Receive notifications on your phone, allowing remote viewing, speaking, and unlocking from anywhere.
- **WiFi Connection for Wired System:** The indoor monitor and doorbell are wired, but the monitor supports connection to a wireless WiFi router (2.4GHz). Compatible with iOS/Android mobile phones (VDP App). One system supports up to 4 mobile phones for sharing.
- **High-Quality Monitor & HD Doorbell Camera:** Features a 9-inch color touch button screen. The outdoor unit has an anti-oxidation aluminum alloy panel, is rainproof, and anti-vandal. Includes IR LED illumination for enhanced night vision.
- **Automatic Recording:** When a visitor presses the outdoor unit, the screen automatically initiates video recording. Videos are saved to an extended TF memory card (up to 32GB supported, 16GB included) inserted into the indoor unit and can be downloaded.
- **Easy Installation:** The indoor monitor and doorbell use a 4-core wired connection. The monitor connects to a power supply. A 4M test cable is supplied; extended cables (Cat5/6) must be purchased separately for longer distances (up to 65ft).

3. Package Contents

Please check the package contents carefully. If any items are missing or damaged, contact customer support.

- 9-inch Indoor Monitor Unit
- Outdoor Doorbell Unit
- Power Adapter for Monitor
- 4-core Test Cable (4M)
- Mounting Screws and Wall Plugs
- User Manual
- 16G TF Card



Figure 3.1: Overview of the WOLILIWO Video Doorbell Intercom System components.

4. Safety Information

To ensure safe operation and prevent damage, please observe the following precautions:

- Do not expose the device to extreme temperatures, humidity, or direct sunlight.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or repair the device yourself. Refer all servicing to qualified personnel.
- Ensure proper wiring and power supply connections as described in this manual to prevent electrical hazards.
- Keep the device away from water and other liquids, except for the rainproof outdoor unit.

5. Setup and Installation

5.1 Component Identification and Dimensions

Familiarize yourself with the outdoor doorbell unit and indoor monitor unit before installation.



Figure 5.1: Outdoor Doorbell Unit - Features and Dimensions.

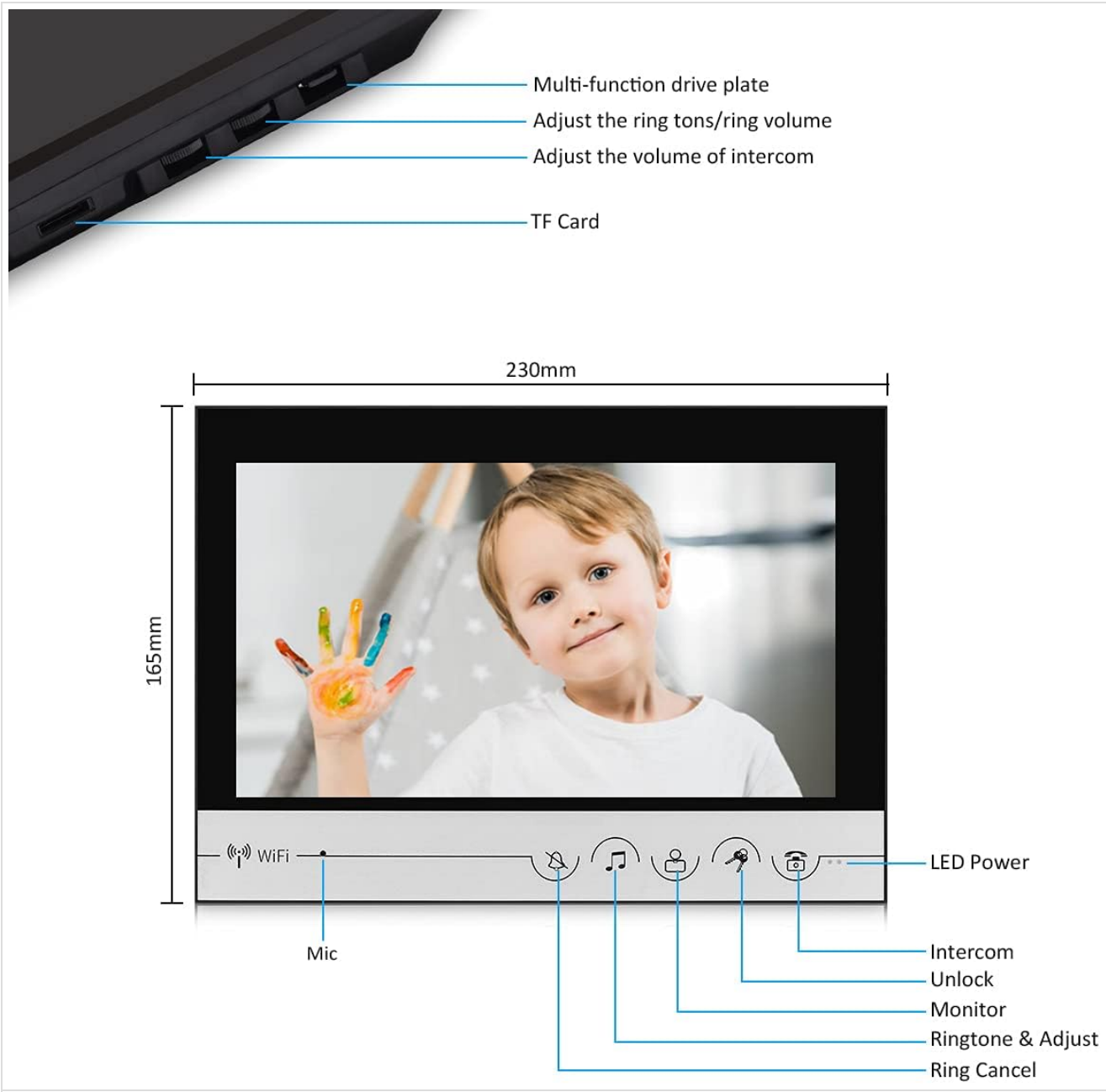


Figure 5.2: Indoor Monitor Unit - Features and Dimensions.

5.2 Wiring Diagram

The system requires a wired connection between the outdoor unit and the indoor monitor. An electronic lock (not included) can also be integrated.



Figure 5.3: System Wiring Diagram.

Cable Requirements: The provided test cable is 4 meters. For longer distances, you will need to purchase extended Cat5/6 network cables. The maximum recommended connection distance is 65 feet (20 meters).

5.3 Physical Installation

1. **Mount the Outdoor Unit:** Choose a suitable location near your door, ensuring clear visibility and protection from direct heavy rain (though the unit is rainproof, a slight overhang is beneficial). Use the provided screws and wall plugs to securely mount the unit.
2. **Mount the Indoor Monitor:** Select a convenient indoor location, typically near a power outlet. Mount the monitor securely to the wall.
3. **Connect Wiring:** Connect the 4-core cable from the outdoor unit to the indoor monitor. If using an electronic lock, connect it as per the wiring diagram.
4. **Power On:** Connect the power adapter to the indoor monitor and plug it into a power outlet.

5.4 App Setup and WiFi Connection

To enable remote features, download and configure the VDP app on your smartphone.

1. **Download the App:** Search for "VDP" in your mobile app store (iOS or Android) and install it.

2. **Connect Monitor to WiFi:** On the indoor monitor, navigate to the WiFi settings and connect it to your 2.4GHz wireless router.
3. **Add Device to App:** Follow the in-app instructions to add your video intercom system. This typically involves scanning a QR code displayed on the monitor or entering a device ID.
4. **Share with Family:** The system supports sharing access with up to 4 mobile phones. Follow the app's instructions to invite other users.



Figure 5.4: VDP App Installation and Remote Control.

6. Operation

6.1 Answering Calls and Intercom

When a visitor presses the doorbell button on the outdoor unit:

- The indoor monitor will ring and display the visitor's video.

- A notification will be pushed to your connected smartphone.
- **From Monitor:** Press the "Intercom" button (phone icon) to speak with the visitor.
- **From Smartphone App:** Open the VDP app to see, hear, and communicate with the visitor remotely.



Figure 6.1: Remote Communication with Visitors.

6.2 Remote Unlock

If an electronic lock is connected, you can unlock the door remotely:

- **From Monitor:** Press and hold the "Unlock" button (key icon) on the monitor.
- **From Smartphone App:** Tap the "Unlock" icon within the VDP app interface.

6.3 Automatic Recording and Snapshot

The system supports automatic video recording when the doorbell is pressed, provided a TF card is inserted.

- When a visitor presses the outdoor unit, the monitor will automatically begin recording video.
- Videos are saved to the TF memory card (up to 32GB supported).
- You can download and view these videos from the monitor or via the VDP app.

- The system also supports manual snapshots.

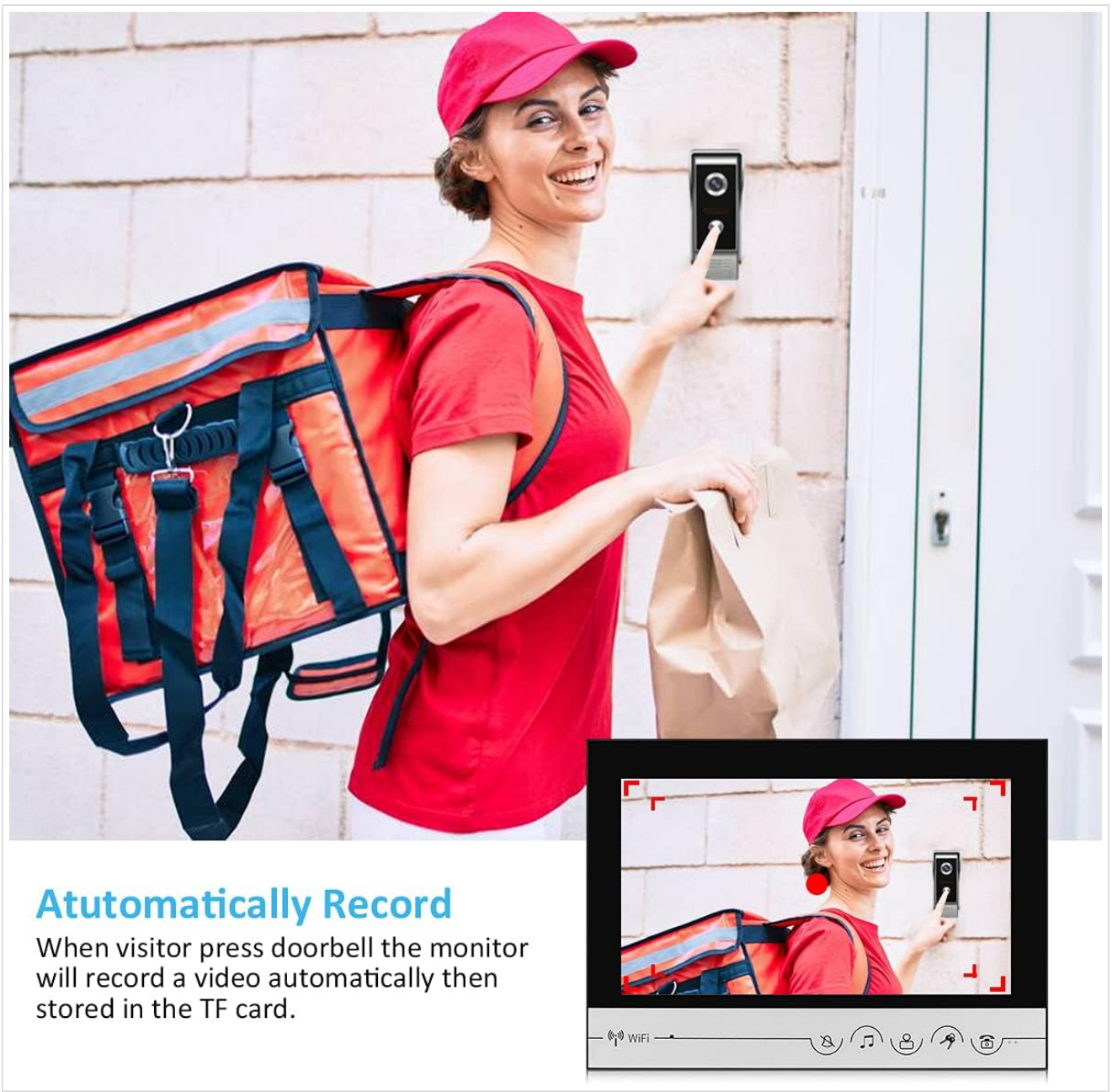


Figure 6.2: Automatic Video Recording Feature.



Figure 6.3: TF Card Support and System Capabilities.

6.4 Adjusting Ringtone and Volume

You can adjust the ringtone and volume directly from the indoor monitor.

Your browser does not support the video tag.

Video 6.1: How to set ringtone and volume on the video intercom monitor.

1. **Step 1:** Press the monitor button to activate the monitor.
2. **Step 2:** Short press the ring button (bell icon) to hear the current ringtone.
3. **Step 3:** Continue to press and hold the ring button for more than 2 seconds. You will hear the ringtone volume change through large, medium, and small settings. Release the button at your desired volume level.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the monitor and outdoor unit. Do not use abrasive cleaners or solvents.
- **Outdoor Unit:** Periodically check the outdoor unit for any obstructions to the camera or microphone. Ensure

the waterproof cover is intact.

- **Software Updates:** Check the VDP app regularly for any available firmware or software updates for your system to ensure optimal performance and security.
- **TF Card:** If using a TF card for recording, periodically review and manage stored videos to prevent the card from becoming full.

8. Troubleshooting

Problem	Possible Cause	Solution
No image on monitor / Monitor not turning on.	No power, loose connection, faulty power adapter.	Check power supply. Ensure all cables are securely connected. Test power adapter.
No sound during intercom.	Volume too low, faulty microphone/speaker, wiring issue.	Adjust volume using the monitor controls. Check wiring connections.
Cannot connect to WiFi / App issues.	Incorrect WiFi password, 5GHz network, weak signal, app not updated.	Ensure correct 2.4GHz WiFi network and password. Move router closer. Update VDP app. Re-add device in app.
Doorbell not ringing.	Outdoor unit not powered, wiring issue, ringtone volume set to zero.	Check outdoor unit power and wiring. Adjust ringtone volume on monitor.
Remote unlock not working.	Electronic lock not connected, faulty lock, wiring issue.	Verify electronic lock connection and functionality. Check wiring.
Video recording not working.	No TF card, TF card full, faulty TF card.	Insert a TF card. Format or replace the TF card.

9. Specifications

Feature	Detail
Model Number	WiFi-V90R-M4
Screen Size	9 inches
Video Capture Resolution	720p
Connectivity Technology	Wired (monitor to doorbell), Wireless (monitor to WiFi)
WiFi Frequency	2.4GHz

Feature	Detail
Power Source	Wired (Monitor connection power supply)
Material	Metal (Outdoor unit)
International Protection Rating	IP54 (Rainproof)
Storage Support	TF Card (up to 32GB, 16GB included)
Operating Temperature	-20°C to 60°C
Compatible Devices	Smartphone (iOS/Android)
Control Method	App, Monitor Buttons
Item Weight	2.81 pounds
Package Dimensions	13.3 x 10.31 x 4.06 inches

10. Warranty and Support

WOLILIWO products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official WOLILIWO website. Please retain your proof of purchase for warranty claims.
For further assistance, you may also contact the seller directly through the platform where you purchased the product.

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