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## OJDHNJKNJ V70MG-620-1V3-lock

# OJDHNJKNJ Wireless Video Intercom System User Manual

Model: V70MG-620-1V3-lock

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of your OJDHNJKNJ Wireless Video Intercom System. This advanced system features a 7-inch LCD monitor, Wi-Fi connectivity, and supports multiple indoor units, making it ideal for apartments, homes, schools, and offices. Key functionalities include two-way audio communication, video monitoring, remote unlocking via a mobile application, and clear night vision capabilities.

## 2. PACKAGE CONTENTS

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Please verify that all items listed below are present in your package. If any components are missing or damaged, contact your retailer immediately.

- 3 x Wi-Fi Indoor Monitors (7-inch LCD)
- 1 x 3-Button Outdoor Unit (with camera)
- 1 x Electric Lock
- 1 x Power Supply Controller
- 1 x Exit Button
- 1 x Test Cable
- 1 x Power Adapter
- Accessories (screws, mounting brackets, etc.)
- User Manual (this document)



Image: Overview of the complete OJDHNJKNJ Wireless Video Intercom System kit, including the outdoor unit, three indoor monitors, electric lock, power supply controller, and exit button.

### 3. SAFETY INFORMATION

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Please read and understand all safety precautions before installation and operation. Failure to follow these instructions may result in electric shock, fire, or damage to the product.

- Ensure power is disconnected before performing any installation or maintenance.
- Do not expose the outdoor unit or indoor monitors to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Use only the provided power adapter and components.
- Avoid placing the indoor monitor near strong electromagnetic interference sources.
- Installation should be performed by qualified personnel if you are unsure about electrical wiring.
- Keep the product out of reach of children.

### 4. SPECIFICATIONS

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Component	Specification
Outdoor Camera Resolution	700 Lines
Outdoor Camera Type	1/3 Color CMOS Camera
Outdoor Unit Audio	Built-in microphone and speaker
Outdoor Unit Power	From Monitor, DC15V
Outdoor Unit Viewing Angle	U/D/L/R: 60/35/70/70 degrees
Outdoor Unit Connection	Network Cable Port (Wired)
Outdoor Unit Case Material	Aluminum
Indoor Monitor Size	230 x 165 x 22 mm (7-inch LCD)
Smartphone Support	Max support 5 smart phones
Manufacturer	OJDHNJKNJ
ASIN	B0DNJMCC2F

## 5. INSTALLATION

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Careful installation is crucial for optimal performance. It is recommended to test the system components before final mounting.

### 5.1 Outdoor Unit Installation

Select a suitable location near your entrance, ensuring it is protected from direct rain and sunlight if possible. The camera should be positioned at an optimal height (typically 1.4-1.6 meters from the ground) to capture visitors' faces clearly. Use the provided mounting bracket and screws to securely attach the unit to a wall. Ensure the network cable port is accessible for wiring.



Image: Detailed view of the outdoor unit, showing the camera, speaker grille, and call buttons.

## 5.2 Indoor Monitor Installation

Choose a convenient location inside your home or office, such as a hallway or living area, where the monitor is easily accessible. Mount the indoor monitors using the provided brackets and screws. Ensure they are within Wi-Fi range for smartphone connectivity and that the wired network cable connection to the outdoor unit can be established.

## 5.3 Wiring Connections

The system operates with a wired network cable connection between the outdoor unit and the indoor monitors. The entire system is powered by the outdoor unit, eliminating the need for separate power adapters for each monitor. Connect the outdoor unit to the indoor monitors using the appropriate network cabling. Connect the electric lock, power supply controller, and exit button to the outdoor unit as per the wiring diagram provided in the full product manual (if applicable) or consult a professional electrician.

- **Outdoor Unit to Indoor Monitors:** Use network cable for video, audio, and power transmission.

- **Electric Lock Connection:** Connect the electric lock to the designated terminals on the power supply controller, which then connects to the outdoor unit.
- **Power Supply Controller:** This unit manages power distribution to the electric lock and the entire intercom system.
- **Exit Button:** Connect the exit button to the power supply controller to allow unlocking the door from inside.

**Note:** For detailed wiring diagrams, refer to the specific instructions included with your product packaging. Professional installation is recommended for complex wiring setups.

## 6. OPERATION

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### 6.1 Basic Functions

- **Answering Calls:** When a visitor presses the call button on the outdoor unit, the indoor monitors will ring. Press the "Answer" button on the monitor to establish two-way audio and video communication.
- **Monitoring:** You can view the outdoor camera feed at any time by pressing the "Monitor" button on the indoor monitor.
- **Unlocking:** During a call or while monitoring, press the "Unlock" button on the indoor monitor to remotely open the connected electric lock.
- **Intercom (between monitors):** If you have multiple indoor monitors, you can use the intercom function to communicate between them. Refer to your specific monitor's interface for this feature.

### 6.2 App Remote Control

The system supports remote control via a smartphone application. Download the designated app (refer to your product's quick start guide or packaging for app name/QR code) and follow the in-app instructions to connect your indoor monitors to your home Wi-Fi network. Once connected, you can:

- Receive notifications when a visitor calls.
- View live video feed from the outdoor camera.
- Communicate with visitors from anywhere.
- Remotely unlock the door.



Image: The indoor monitor displaying a live video feed, with an overlay indicating the "APP Remote Control" feature and a smartphone showing the app interface.

## 6.3 Settings and Adjustments

The indoor monitors allow for various adjustments to customize your experience:

- **Chime Selection:** Choose from 16 different doorbell chimes.
- **Volume Control:** Adjust the ringtone and communication volume.
- **Display Settings:** Adjust brightness and contrast of the LCD screen for optimal viewing.

Access these settings through the monitor's on-screen menu, typically by pressing a "Menu" or "Settings" button.

## 7. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your intercom system.

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the outdoor unit and indoor monitors. Do not use abrasive cleaners or solvents.

- **Camera Lens:** Gently wipe the camera lens on the outdoor unit with a microfiber cloth to ensure clear image quality.
- **Connections:** Periodically check all wired connections for looseness or corrosion.
- **Software Updates:** Check the manufacturer's website or app for any available firmware or app updates to ensure the system is running the latest version.

## 8. TROUBLESHOOTING

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If you encounter issues with your system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on indoor monitor.	Loose or incorrect wiring; power issue; damaged camera.	Check all network cable connections. Ensure the outdoor unit is receiving power. Test with the provided test cable if possible.
No audio during communication.	Microphone/speaker obstruction; volume too low; wiring issue.	Check for obstructions on the outdoor unit's microphone/speaker. Adjust volume settings on the indoor monitor. Verify audio wiring.
Door lock not unlocking.	Incorrect wiring of electric lock or power supply controller; lock malfunction.	Verify all connections to the electric lock, power supply controller, and outdoor unit. Ensure the power supply controller is functioning.
App remote control not working.	No Wi-Fi connection; incorrect app setup; outdated app/firmware.	Ensure indoor monitors are connected to Wi-Fi. Reconfigure the app connection. Check for app and monitor firmware updates.
Poor night vision.	Infrared (IR) LEDs obstructed or faulty; dirty camera lens.	Clean the camera lens. Check if IR LEDs are visibly active in low light (they may glow faintly red).

If the problem persists after attempting these solutions, please contact customer support.

## 9. WARRANTY AND SUPPORT

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For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact OJDHNJKNJ customer service through the contact information provided on their official website or your purchase receipt.

**Manufacturer:** OJDHNJKNJ

