

TMEZON MZ-IP-V739B

TMEZON 7-Inch Wired Video Intercom System User Manual

Models: MZ-IP-V739B (Monitor) & MZ-VDP-739B (Doorbell Camera)

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your TMEZON 7-Inch Wired Video Intercom System. This system is designed to enhance your home security and communication, allowing you to see, hear, and speak to visitors at your door, as well as monitor your property. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. PRODUCT OVERVIEW

2.1 Components

The TMEZON 7-Inch Wired Video Intercom System typically includes the following main components:

- **Indoor Monitor (Model: MZ-IP-V739B):** A 7-inch color LCD display with touch buttons for communication, monitoring, and system control.
- **Outdoor Doorbell Camera (Model: MZ-VDP-739B):** A 1080P camera unit with night vision, wide-angle view, and rainproof/anti-vandal design, installed at your entrance.
- **Mounting Brackets and Connectors:** Hardware required for installation.



Figure 2.1: The TMEZON 7-inch indoor monitor, featuring a sleek design and intuitive touch controls.

2.2 Key Features

- **High-Definition Display:** 7-inch color LCD monitor with 1080P resolution for clear video feed.
- **Wide-Angle Outdoor Camera:** 115-degree wide viewing angle ensures comprehensive coverage of your entrance.
- **Night Vision:** Equipped with infrared LEDs for clear visibility even in low-light conditions.
- **Rainproof and Anti-Vandal Design:** Durable outdoor unit built to withstand various weather conditions and resist tampering.
- **Automatic Snapshot/Recording:** When a visitor presses the doorbell or motion is detected, the system can automatically capture images or record video to an optional Micro SD card (up to 64GB, sold separately).
- **Expandable System:** Supports connection of up to 4 indoor monitors and 2 outdoor doorbell cameras for multi-point coverage.
- **Multi-Device Interconnection:** Can integrate with additional security devices such as 2x CCTV cameras, 2x PIR alarms, and 2x electronic locks for enhanced home protection.
- **Two-Way Communication:** Enables clear audio communication between the indoor monitor and the outdoor doorbell, as well as between multiple indoor monitors.
- **Call Transfer Function:** Allows calls to be transferred between different indoor monitors within the system.



Figure 2.2: The outdoor doorbell camera offers a wide 115-degree viewing angle, capturing a broad area around your entrance.

7 inch 1080P Screen With Easy operated menu

Easy and user-friendly settings according to your needs

1080P



Figure 2.3: The 7-inch monitor features an intuitive and user-friendly menu for easy navigation and settings adjustment.

Multi-device interconnection

Advanced Multi-device interconnection gives you more comprehensive protection for your home.



Figure 2.4: The system supports multi-device interconnection, allowing integration with additional security components like CCTV cameras, PIR alarms, and electronic locks.

3. SETUP

3.1 Installation Guidelines

Proper installation is crucial for optimal performance. It is recommended to consult a qualified electrician for complex wiring. Ensure power is disconnected before beginning installation.

- **Indoor Monitor Placement:** Choose a central location within your home, such as a living room or hallway, where the monitor is easily accessible and visible. The monitor is designed for wall mounting.
- **Outdoor Doorbell Camera Placement:** Install the doorbell camera at a height that allows for clear viewing of visitors' faces, typically around 1.4 to 1.7 meters (4.5 to 5.5 feet) from the ground. Ensure it is protected from direct heavy rain if possible, although it is rainproof.
- **Wiring Path:** Plan the routing of the 4-wire cable between the outdoor unit and the indoor monitor, and between multiple indoor monitors if applicable. Minimize cable length for best signal quality.

3.2 Wiring Diagram

The TMEZON system uses a 4-wire connection for communication between the indoor monitor and outdoor doorbell, and between multiple monitors. The extension wire is not included, but 4-pin connectors are provided. You can use RVV4 (4 core wire), Cat5, or Cat6 wires for extension. The maximum recommended distance is 100-200 meters.

- **Wire Connections:** Connect the corresponding wires (Power, Video, Audio, Ground) from the outdoor unit to the indoor monitor. For multiple monitors, connect them in a daisy-chain or star configuration as per the system's requirements.
- **Electronic Lock Integration:** The doorbell can connect to all electronic locks. Ensure correct polarity and power supply for the lock.
- **Additional Devices:** Refer to the specific wiring instructions for connecting CCTV cameras, PIR alarms, or additional electronic locks.

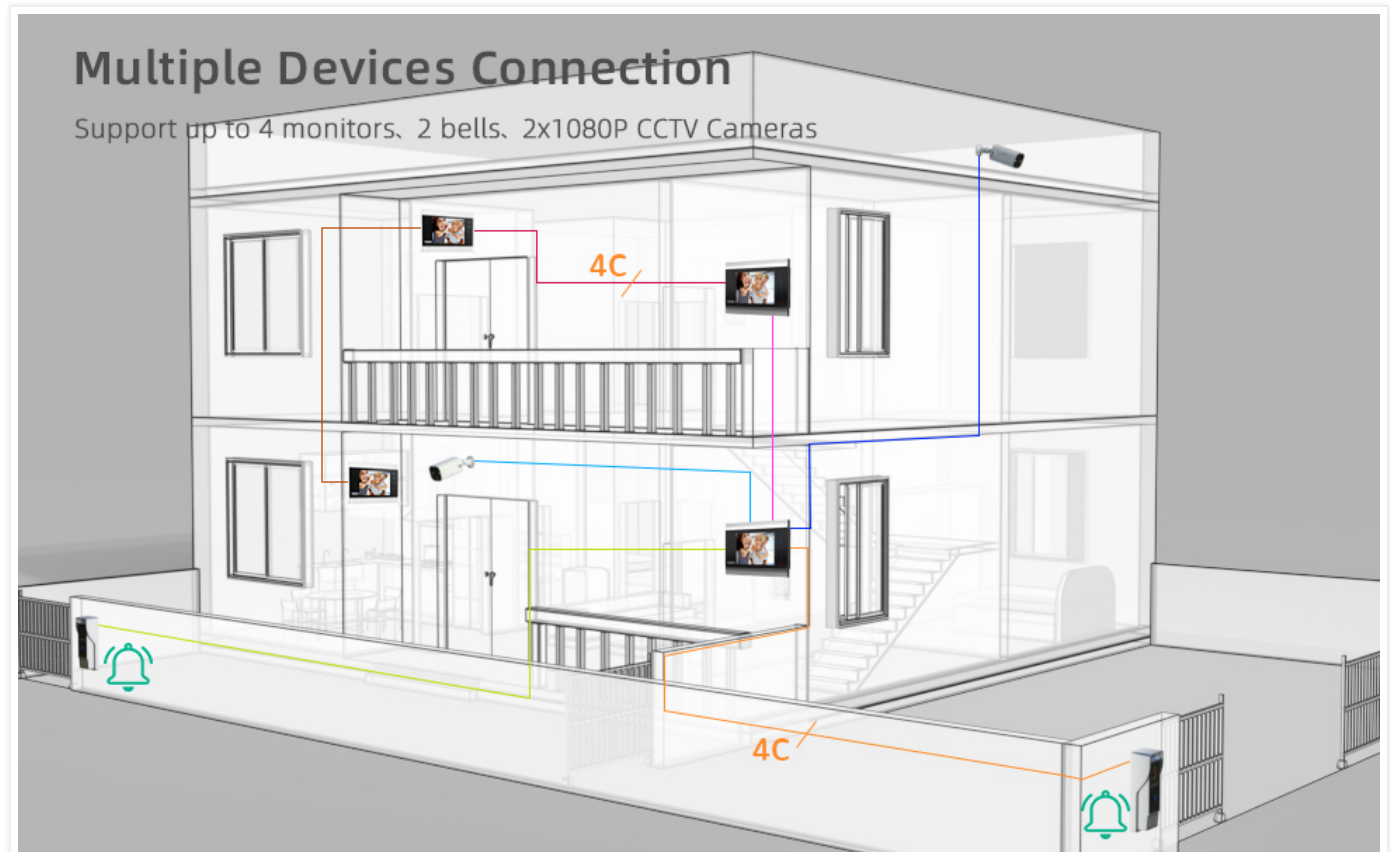


Figure 3.1: This diagram shows how multiple monitors, doorbell cameras, and other security devices can be interconnected within the TMEZON system.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

- **Answering a Call:** When a visitor presses the doorbell, the indoor monitor will ring and display the visitor's image. Press the "Talk" button on the monitor to initiate two-way audio communication.
- **Unlocking the Door:** During a call, press the "Unlock" button on the monitor to remotely open the connected electronic lock.
- **Monitoring:** Press the "Monitoring" button on the indoor monitor to view the live feed from the outdoor doorbell camera at any time, even without a visitor.
- **Ending a Call:** Press the "Hang Up" button to end the communication.

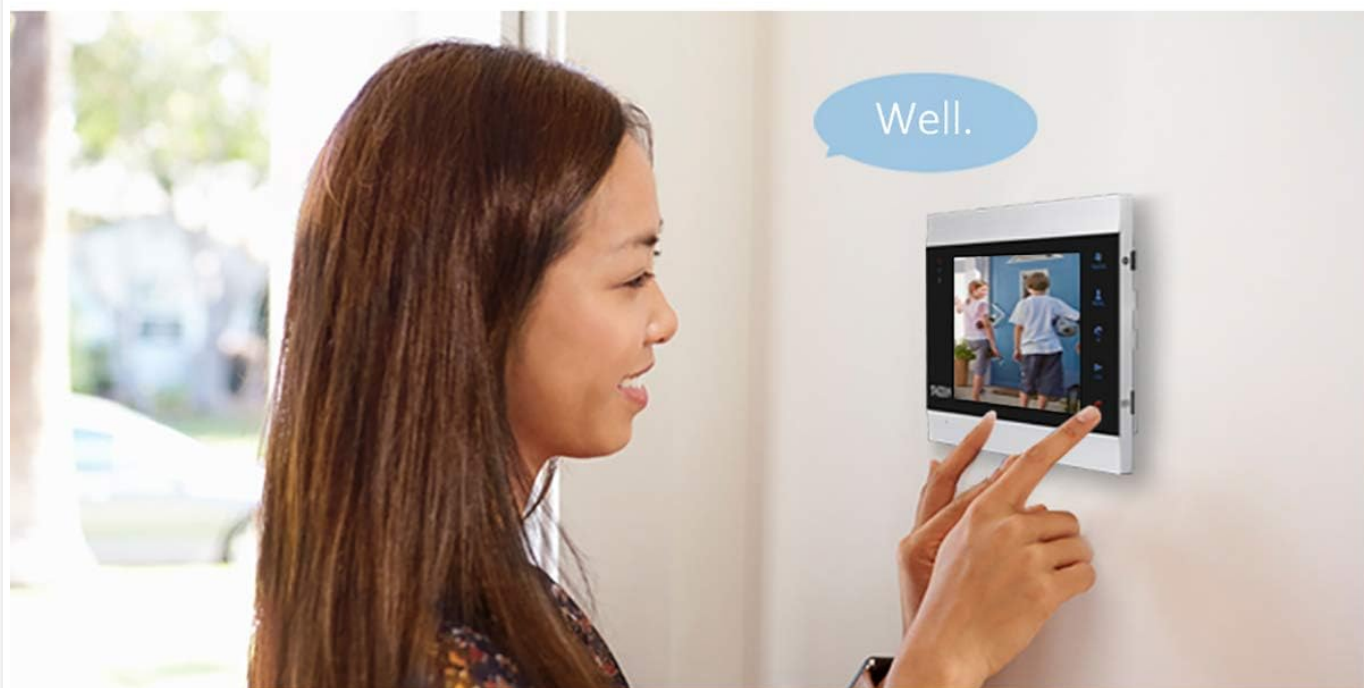


Figure 4.1: The indoor monitor allows you to see and communicate with visitors at your door, providing convenience and security.



Figure 4.2: Engage in two-way audio conversations and unlock your door with a single touch from the indoor monitor.



Figure 4.3: The one-key monitoring feature allows you to check your surroundings and protect your family's safety at any time.

4.2 Advanced Functions

- **Snapshot and Video Recording:** The system can automatically take snapshots or record video when the doorbell is pressed or motion is detected. These files are saved to an inserted Micro SD card. The built-in memory can store

approximately 80 pictures.

- **Motion Detection:** Configure motion detection settings to trigger recording or snapshots when movement is detected in the camera's field of view, enhancing security surveillance.
- **Intercom Between Monitors:** If you have multiple indoor monitors, you can initiate calls and communicate between them, facilitating communication within a large home or office.
- **Call Transfer:** Transfer an incoming call from one monitor to another connected monitor.



Figure 4.4: The system supports snapshot and video recording, saving important moments to an SD card when the doorbell rings or motion is detected.

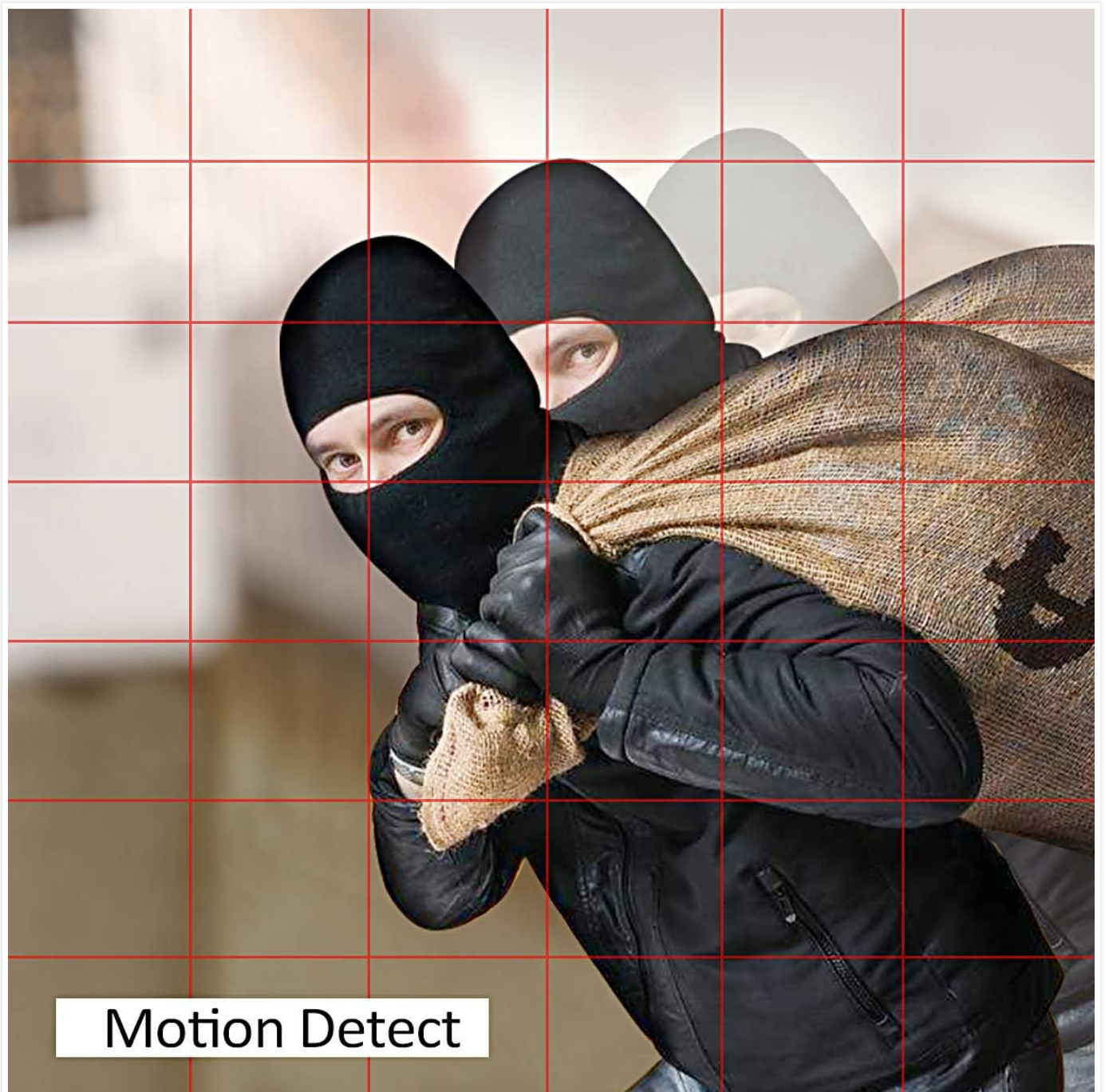


Figure 4.5: Motion detection capabilities allow the system to automatically record or capture images when movement is detected, enhancing security.



Figure 4.6: The call transfer feature allows you to seamlessly transfer calls between different indoor monitors in your home.



Figure 4.7: Multiple intercom conversation allows family members to communicate between different rooms using the indoor monitors.

5. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the monitor screen and the outdoor doorbell camera lens. Avoid abrasive cleaners or solvents that could damage the surfaces.
- **Outdoor Unit Inspection:** Periodically check the outdoor doorbell camera for any obstructions (e.g., dirt, spiderwebs) on the lens or microphone/speaker. Ensure the unit is securely mounted.
- **Wiring Check:** Occasionally inspect the wiring connections for any signs of wear, corrosion, or loose connections.
- **SD Card Management:** If using an SD card for recording, regularly back up important footage and format the card to maintain optimal recording performance.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No image on monitor when doorbell is pressed.	Loose wiring connection; power issue; faulty camera.	Check all 4-wire connections. Ensure power supply to both units. Contact support if units are confirmed faulty.
No audio during communication.	Microphone/speaker obstruction; wiring issue; volume too low.	Clean microphone/speaker areas. Check audio wire connection. Adjust volume settings on the monitor.
Cannot unlock electronic lock.	Incorrect lock wiring; insufficient power to lock; lock malfunction.	Verify lock wiring and power supply. Test the lock independently.

Problem	Possible Cause	Solution
Motion detection not working.	Incorrect settings; environmental factors (e.g., strong light, moving objects).	Check motion detection sensitivity and area settings in the monitor menu. Adjust camera angle if necessary.
SD card not recording.	SD card full or corrupted; incorrect format; card not inserted properly.	Ensure SD card is inserted correctly. Format the SD card (backup data first). Try a different SD card.

If the problem persists after attempting these solutions, please contact TMEZON customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Numbers	Indoor Monitor: MZ-IP-V739B, Outdoor Doorbell: MZ-VDP-739B
Display Size	7-inch Color LCD
Video Resolution	1080P (Outdoor Camera)
Camera Viewing Angle	115 degrees
Connectivity Technology	Wired (4-wire system)
Max. System Capacity	Up to 4 Monitors, 2 Doorbell Cameras
Storage	Supports Micro SD card up to 64GB (not included), Built-in memory for ~80 pictures.
Special Features	Night Vision, Motion Detection, Two-Way Audio, Remote Unlock, Call Transfer
Mounting Type	Wall Mount
International Protection Rating	IP67 (Outdoor Unit)
Power Source	Corded Electric
Item Weight	1.59 pounds (total system, approximate)
Package Dimensions	15.27 x 11.06 x 1.93 inches



Figure 7.1: Detailed dimensions for both the indoor monitor and the outdoor doorbell unit, including mounting accessories.

8. WARRANTY AND SUPPORT

For specific warranty information regarding your TMEZON 7-Inch Wired Video Intercom System, please refer to the warranty card included with your product or contact the seller directly. Warranty terms may vary based on region and purchase date.

For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact TMEZON customer service. You can typically find contact information on the official TMEZON website or through your purchase platform.

Manufacturer: TMEZON

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