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› TMEZON WLAN Video Intercom System User Manual

TMEZON MZ-IP-V739B+MZ-VDP-NE120

TMEZON WLAN Video Intercom System User Manual

Model: MZ-IP-V739B+MZ-VDP-NE120

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your TMEZON WLAN Video Intercom System. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

The TMEZON WLAN Video Intercom System offers advanced security and convenience for your home or office. Featuring a 7-inch 1080P IP monitor and a wired doorbell, it allows you to see, hear, and speak to visitors from anywhere via the TuyaSmart app on your smartphone. Key features include remote unlocking, automatic snapshot/video recording, and smart motion detection.



Figure 1.1: TMEZON WLAN Video Intercom System Overview

2. PACKAGE CONTENTS

Before beginning installation, please verify that all components are present and in good condition:

- 7-inch Indoor Monitor
- Outdoor Doorbell Unit with 1080P Camera
- Power Adapter
- Mounting Bracket for Indoor Monitor
- Mounting Screws and Wall Plugs
- Wiring Cables (4-wire connection)
- User Manual



Figure 2.1: System Components

3. SETUP AND INSTALLATION

3.1 Wiring Diagram

The system uses a 4-wire connection between the indoor monitor and the outdoor doorbell unit. Ensure all connections are secure before powering on the system.

- Connect the 4-wire cable from the outdoor doorbell to the corresponding terminals on the indoor monitor.
- Connect the power adapter to the indoor monitor.
- If connecting to an electronic lock, refer to the specific wiring diagram for your lock type. The system supports various electronic locks.

Product Size



Figure 3.1: Product Dimensions (for installation planning)

3.2 App Setup (TuyaSmart)

To utilize remote features, download and configure the TuyaSmart app on your smartphone. The monitor supports Wi-Fi connectivity for app integration, but the main connection between the monitor and doorbell is wired for stability.

1. **Step 1: Set Monitor to EZ Mode.** On the indoor monitor, navigate to **Setting**, then **Network setting**, and select **EZ Mode** for network pairing.

2. Step 2: Log in to TuyaSmart App and Add Device.

- Open the TuyaSmart app on your smartphone.
- Tap "Add Device" or the "+" icon.
- Manually add the device by selecting **Camera & Lock**, then **Smart Access Control**.
- Select "EZ Mode" for Wi-Fi connection.
- Connect your smartphone to a 2.4GHz Wi-Fi network and enter the password. (Note: If your Wi-Fi is 5GHz, switch it to 2.4GHz during setup).
- Wait for the device to connect. Once successfully added, you will see "Device added successfully".

Your browser does not support the video tag.

Video 3.1: How to connect to WiFi and TuyaSmart APP

This video demonstrates the step-by-step process of connecting your TMEZON intercom system to your home Wi-Fi network and integrating it with the TuyaSmart mobile application for remote access and control.

4. OPERATING INSTRUCTIONS

4.1 Answering Calls

When a visitor presses the doorbell, the indoor monitor will ring, and you will receive a notification on your smartphone via the TuyaSmart app.

- **From Indoor Monitor:** Tap the "Talk" icon on the monitor screen to establish two-way audio communication.
- **From Smartphone App:** Tap the notification to open the app and view the live feed. Tap the "Speak" icon to talk to the visitor.



Figure 4.1: Two-Way Audio Communication

4.2 Remote Unlocking

If an electronic lock is connected, you can remotely unlock the door for visitors.

- **From Indoor Monitor:** Tap the "Unlock" icon on the monitor screen.
- **From Smartphone App:** While in live view, tap the "Unlock" icon within the app.

APP Live View and **Unlock Remotely**



Figure 4.2: Remote Unlocking via App

4.3 Snapshot and Video Recording

The system can automatically capture snapshots or record videos when the doorbell is pressed or motion is detected. These are saved to a Micro SD card (not included, purchased separately).

- To review recordings, access the "Recording" or "Photo album" section on the indoor monitor or through the TuyaSmart app.

Video Record and Playback

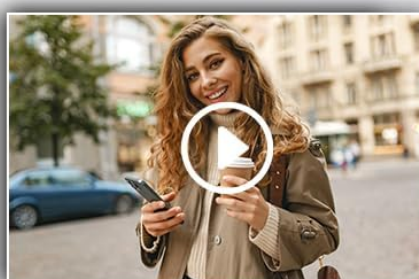


Figure 4.3: Video Record and Playback Interface

4.4 Motion Detection

The outdoor doorbell unit features smart motion detection. When motion is detected, the camera will automatically trigger a snapshot or video recording and send a notification to your smartphone.

- Motion detection sensitivity can be adjusted in the monitor's settings or via the app.

Smart Motion Detection



Figure 4.4: Smart Motion Detection

4.5 Multi-Monitor and Multi-Doorbell Support

The TMEZON system supports expansion for larger properties or multiple entry points. It can accommodate up to 3 indoor monitors and 2 outdoor doorbell units, along with one 1080P AHD CCTV camera.

- Internal communication and call transfer are possible between connected indoor monitors.



Figure 4.5: Multi-System Configuration

5. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the monitor screen and doorbell unit. Avoid abrasive cleaners or solvents.
- **Outdoor Unit:** The outdoor doorbell is IP65 waterproof, rain-proof, dust-proof, and anti-vandalism. However, avoid direct high-pressure water jets. Regularly check for debris obstructing the camera lens or microphone.
- **Software Updates:** Check the TuyaSmart app regularly for firmware updates for your device to ensure you have the latest features and security enhancements.
- **Wiring Inspection:** Periodically inspect all wiring connections for any signs of wear or damage.



Figure 5.1: Outdoor Unit Durability

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No video feed on monitor/app.	Loose wiring, power issue, camera malfunction.	Check all 4-wire connections. Ensure power adapter is securely plugged in. Restart the monitor.
Unstable Wi-Fi connection or app issues.	Incorrect Wi-Fi band (5GHz instead of 2.4GHz), weak signal, app glitch.	Ensure your router is set to 2.4GHz for the device. Move router closer or use a Wi-Fi extender. Reinstall the TuyaSmart app. Follow app setup steps carefully.
Two-way audio issues (e.g., one-way communication).	Microphone/speaker obstruction, half-duplex operation, app setting.	Ensure nothing is blocking the microphone or speaker on both units. Note that some systems operate in half-duplex mode (one person speaks at a time). Check app settings for audio options.
Motion detection not working or too sensitive.	Incorrect sensitivity settings, environmental factors (e.g., moving trees).	Adjust motion detection sensitivity in the monitor's settings or via the TuyaSmart app. Ensure the camera lens is clean.
Doorbell volume too loud/quiet.	Volume settings.	Adjust the volume settings on the indoor monitor. Some outdoor units may have a physical adjustment screw (refer to specific product diagrams if available).

For further assistance, please contact TMEZON technical support atsupport@tmezon.com.

7. SPECIFICATIONS

Feature	Description
Model Number	MZ-IP-V739B+MZ-VDP-NE120
Monitor Size	7-inch TFT Display
Video Resolution	1080P (Full HD)
Connectivity	Wired (4-wire), Wi-Fi (2.4GHz)
Power Source	Wired (240 Volts, 5 Watts)
Viewing Angle	115 Degrees (Outdoor Unit)
Special Features	Local Recording, Night Vision, Motion Detection, Remote Unlock
Water Resistance	IP65 Waterproof (Outdoor Unit)
Material	Plastic

Feature	Description
Dimensions (L x W x H)	25 x 15 x 5 cm
Weight	1.32 Kilograms
Compatible Devices	Tablet, Smartphone (Android)
Max. System Expansion	Up to 3 Monitors, 2 Doorbells, 1 AHD CCTV Camera

8. WARRANTY AND SUPPORT

TMEZON products are designed for reliability and performance. For warranty information, please refer to the documentation included with your purchase or contact TMEZON customer service.

For technical support, troubleshooting, or any inquiries regarding your TMEZON WLAN Video Intercom System, please contact our dedicated support team:

- **Email:** support@tmezon.com
- **Online Resources:** Visit the official TMEZON website for FAQs, updated manuals, and software downloads.

Please have your model number (MZ-IP-V739B+MZ-VDP-NE120) and purchase details ready when contacting support.

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Question

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