

TMEZON MZ-VDP-739EM/EU/NEW

TMEZON 1080P 7-inch Video Intercom System User Manual

Model: MZ-VDP-739EM/EU/NEW

Brand: TMEZON

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your TMEZON 1080P 7-inch Video Intercom System. Please read this manual thoroughly before installation and use to ensure proper functionality and safety. Keep this manual for future reference.

2. PRODUCT FEATURES

- **Multiple Functions:** Supports two-way audio, two-way intercom, video and audio conversation, and call transfer between the monitor and doorbell, or between multiple monitors.
- **4-Wire Connection:** Ensures system stability with a 4-wire connection between the monitor and doorbell. A separate 2-wire power supply ensures consistent power to the monitor. The 4-wire connection can be extended to accommodate different installation distances.
- **High Resolution Display:** Features a 7-inch LCD screen with FHD 1080p resolution (1920 x 1080) for clear visuals.
- **Wide Compatibility:** Compatible with TMEZON models MZ-IP-V739B, MZ-VDP-739EM, and MZ-VDP-NE120.
- **Connectivity:** Wi-Fi connectivity for enhanced features.

3. PACKAGE CONTENTS



Image 3.1: Contents of the TMEZON Video Intercom System package.

This image displays the complete contents of the product package. It includes the 7-inch video intercom monitor, a power supply unit, a 4-pin connector cable, mounting screws, and the instruction manual.

Please verify that all items listed below are present in your package:

- 1 x TMEZON 7-inch Video Intercom Monitor
- 1 x Power Supply Unit
- 1 x 4-Pin Connector Cable
- 1 x Set of Mounting Screws
- 1 x User Instruction Manual

4. SETUP AND INSTALLATION

4.1. Wiring Diagram

The TMEZON Video Intercom System uses a 4-wire connection for the main communication between the monitor and the outdoor doorbell unit. A separate 2-wire power supply is used for the monitor. Ensure all connections are secure and correctly aligned to prevent damage and ensure proper operation.



Image 4.1: TMEZON 7-inch Video Intercom Monitor.

This image shows the front of the TMEZON 7-inch video intercom monitor, highlighting its sleek design and the display screen. The screen is currently showing a view of a living room, demonstrating its video capability.

4.2. Mounting the Monitor

1. Choose a suitable location for the indoor monitor, typically near the main entrance or in a central area of the home.
2. Use the provided mounting bracket (if applicable) and screws to securely attach the monitor to the wall. Ensure the wall material can support the weight of the monitor.
3. Connect the 4-wire cable from the outdoor doorbell unit to the corresponding terminals on the back of the monitor.
4. Connect the 2-wire power supply to the monitor's power input.
5. Once all connections are made, carefully mount the monitor onto the wall bracket.

4.3. Connecting the Outdoor Doorbell Unit

Install the outdoor doorbell unit at a height that allows visitors to easily reach the call button and for the camera to capture a clear view of their face. Ensure it is protected from direct weather exposure.

1. Mount the outdoor unit securely using the provided screws.
2. Connect the 4-wire cable from the indoor monitor to the outdoor unit's terminals.
3. If applicable, connect any additional wires for electric lock release or other functions.

5. OPERATING INSTRUCTIONS

5.1. Answering a Call

When a visitor presses the call button on the outdoor doorbell unit, the indoor monitor will ring and display the visitor's image. To answer the call, press the **Answer** button on the monitor.

5.2. Two-Way Communication

After answering, you can engage in two-way audio and video communication with the visitor. Speak clearly into the monitor's microphone, and the visitor's voice will be heard through the monitor's speaker.

5.3. Door Release (if applicable)

If your system is connected to an electric lock, press the **Unlock** button on the monitor to remotely open the door for the visitor.

5.4. Intercom Function

If you have multiple indoor monitors, you can use the intercom function to communicate between them. Press the **Intercom** button and select the desired monitor to call.

5.5. Monitoring

You can view the outdoor camera feed at any time without a visitor pressing the doorbell. Press the **Monitor** button on the indoor unit to activate the live view.

5.6. Wi-Fi Connectivity and App Integration

The system supports Wi-Fi connectivity. For advanced features and remote access, download the **Tuya App** (or specified TMEZON app) on your smartphone. Follow the in-app instructions to pair your monitor with the app. This allows for remote monitoring, answering calls, and unlocking doors from your mobile device.



Image 5.1: Tuya App Integration.

This image illustrates a smartphone screen showing the Tuya App interface, which can be used to control and monitor the TMEZON video intercom system remotely. The app allows users to view live video, communicate with visitors, and manage system settings from their mobile device.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the monitor screen and outdoor unit. Do not use abrasive cleaners or solvents.
- **Environmental Protection:** Ensure the outdoor unit is free from obstructions and excessive dirt buildup. Regularly check for any signs of water ingress or damage.
- **Cable Inspection:** Periodically inspect all wiring connections for looseness or damage. Secure any loose connections immediately.

- **Software Updates:** Check the manufacturer's website or the mobile app for any available firmware updates to ensure optimal performance and security.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on monitor.	Power supply disconnected. Loose or incorrect wiring. Outdoor unit camera malfunction.	Check power connection to the monitor. Verify all 4-wire connections are secure and correct. Contact customer support if the issue persists.
No audio during communication.	Microphone or speaker issues. Wiring problems.	Check volume settings on the monitor. Inspect audio wiring connections. Test with another monitor if available.
Door lock not releasing.	Incorrect wiring to the electric lock. Lock mechanism fault.	Verify lock wiring according to installation guide. Ensure the lock itself is functional.
Intermittent connection/signal loss.	Loose wiring. Interference. Distance issues for 4-wire connection.	Check all wiring for secure connections. Ensure cables are not near strong electrical interference sources. Consider extending 4-wire connection if distance is too great.

8. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	MZ-VDP-739EM/EU/NEW
Brand	TMEZON
Screen Size	7 Inches
Display Type	LCD
Resolution	FHD 1080p (1920 x 1080)
Image Aspect Ratio	16:9
Image Contrast Ratio	2000:1

Feature	Detail
Connectivity Technology	Wi-Fi
Special Features	Video Doorbell Intercom System
Package Dimensions	28.1 x 17.8 x 4.9 cm; 710 grams

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official TMEZON website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

TMEZON is committed to providing smart and convenient living through intelligent systems. Their products are available for families, offices, businesses, schools, and more. All TMEZON products have passed CE, FCC, and ROHS certifications, ensuring quality and safety.



Image 9.1: TMEZON Company Logo.

This image displays the official TMEZON brand logo, representing the manufacturer of the video intercom system.



Image 9.2: Product Certification Assurance.

This image shows two individuals examining a tablet, with the TMEZON logo visible in the background. The accompanying text indicates that all TMEZON products have passed CE, FCC, and ROHS certifications, emphasizing the brand's commitment to quality and compliance.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question