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› [TMEZON](#) /

› TMEZON 1080P Wired Video Intercom Doorbell System User Manual

TMEZON MZ-VDP-739EM-NE120



TMEZON 1080P Wired Video Intercom Doorbell System

Model: MZ-VDP-739EM-NE120

1. INTRODUCTION

Thank you for choosing the TMEZON 1080P Wired Video Intercom Doorbell System. This manual provides detailed instructions for the installation, operation, and maintenance of your new video doorbell system. Please read this manual thoroughly before installation and use to ensure proper functionality and safety. This system is designed to enhance your home security and convenience by allowing you to see, hear, and speak to visitors at your door.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the product or injury to yourself:

- Ensure all power is disconnected before installation or maintenance.
- Do not expose the outdoor unit to extreme temperatures or direct water immersion. The outdoor unit is IP65 weatherproof, but not submersible.
- Use only the specified power supply and cables.
- Do not attempt to disassemble or repair the unit yourself. Contact qualified personnel for service.
- Keep the product away from children.
- Avoid placing the indoor monitor in direct sunlight or near heat sources.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 7-inch LCD Indoor Monitor
- 1080P Outdoor Doorbell Camera
- Mounting Brackets
- Power Adapter
- Wiring Connectors (4-pin connector for extension cables)
- Screws and Wall Plugs
- User Manual

- (Note: SD card and extension cables are not included and must be purchased separately.)

4. PRODUCT OVERVIEW

The TMEZON video intercom system provides a comprehensive solution for home security and communication. It features a high-definition camera and a clear indoor display.



Figure 4.1: TMEZON 7-inch LCD Indoor Monitor and 1080P Outdoor Doorbell Camera.

Key Features:

- **7-inch Color LCD Monitor:** Slim design with touch buttons for intuitive control.
- **1080P Outdoor Camera:** High-definition video with a 120-degree wide viewing angle.
- **Night Vision:** Infrared illumination for clear viewing in low-light conditions.
- **IP65 Weatherproof:** Outdoor unit designed to withstand rain and harsh weather.
- **Motion Detection:** Automatically captures snapshots or records video when motion is detected.
- **Two-Way Audio:** Communicate with visitors from your indoor monitor.
- **One-Key Unlock:** Conveniently unlock electronic locks directly from the monitor.
- **Multi-Intercom Support:** Connect up to 4 indoor monitors and 2 outdoor doorbell cameras for comprehensive coverage.
- **Multi-Device Connectivity:** Supports additional CCTV cameras, PIR alarms, and electronic locks.

Advanced Video Door Phone



TFT Display



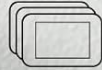
Snapshot/Record



TF Card



One-key Unlock



Multiple Intercom



120° wide angle



Motion detect



Night Vision



Figure 4.2: Overview of advanced features including TFT Display, Snapshot/Record, TF Card support, One-key Unlock, Multiple Intercom, 120° wide angle, Motion detect, and Night Vision.

IP65 Weatherproof

NO worries about install place



IP65



-30°~50°



Night



Figure 4.3: The outdoor doorbell unit is IP65 weatherproof, ensuring reliable operation in various weather conditions.

What is the size?



Figure 4.4: Dimensions of the indoor monitor (236cm x 143cm x 16cm) and outdoor doorbell (48cm x 128cm x 29cm).

5. SETUP AND INSTALLATION

This section guides you through the physical installation and initial setup of your TMEZON video intercom system.

5.1 Wiring Diagram

The system uses a 4-wire connection between the indoor monitor and the outdoor doorbell. Ensure correct polarity and secure connections. For longer distances (100-200 meters), use RVV4 (4-conductor cable) / Cat5 / Cat6 cable. The 4-pin connector is provided for extension cables.

Wiring Connections:

- **Wire 1:** Audio
- **Wire 2:** Ground
- **Wire 3:** Video
- **Wire 4:** Power (12V DC)

For connecting electronic locks, PIR alarms, or additional CCTV cameras, refer to the specific wiring instructions provided with those devices and connect them to the appropriate terminals on the indoor monitor.

5.2 Mounting the Outdoor Doorbell Camera

1. Choose a suitable location near your entrance, typically at a height of 1.4 to 1.7 meters from the ground, ensuring a clear view of visitors.
2. Use the mounting bracket as a template to mark drilling holes on the wall.
3. Drill holes and insert wall plugs.
4. Secure the mounting bracket to the wall with screws.
5. Connect the wiring from your indoor monitor to the doorbell camera.
6. Attach the doorbell camera to the mounting bracket.

5.3 Mounting the Indoor Monitor

1. Select a convenient location inside your home, away from direct sunlight or heat sources.
2. Mark drilling holes using the monitor's mounting bracket.
3. Drill holes, insert wall plugs, and secure the bracket.
4. Connect the 4-wire cable from the outdoor doorbell to the monitor.
5. Connect the power adapter to the monitor and plug it into a power outlet.
6. Mount the indoor monitor onto its bracket.

5.4 Initial Power-On

Once all connections are secure, power on the system. The monitor should display the live view from the outdoor camera. If not, check all wiring connections.

6. OPERATING INSTRUCTIONS

This section details the various functions of your TMEZON video intercom system.

6.1 Answering a Call

When a visitor presses the doorbell button, the indoor monitor will ring and display the live video feed. Press the **Talk** button on the monitor to initiate two-way communication with the visitor.

2-Way Audio and One-Key Unlock

See,hear,speak to visitors and easier unlock

Lucy,are you at home?

Yes,come in



Figure 6.1: Demonstrates two-way audio communication and the one-key unlock feature.

6.2 Monitoring

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

6.3 Unlocking the Door

If an electronic lock is connected, press the **Unlock** button on the indoor monitor during a call or while monitoring to open the door.

6.4 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 SD card (not included). The built-in memory can store approximately 80 images.

Video Record and Playback

Playback on SD card anytime

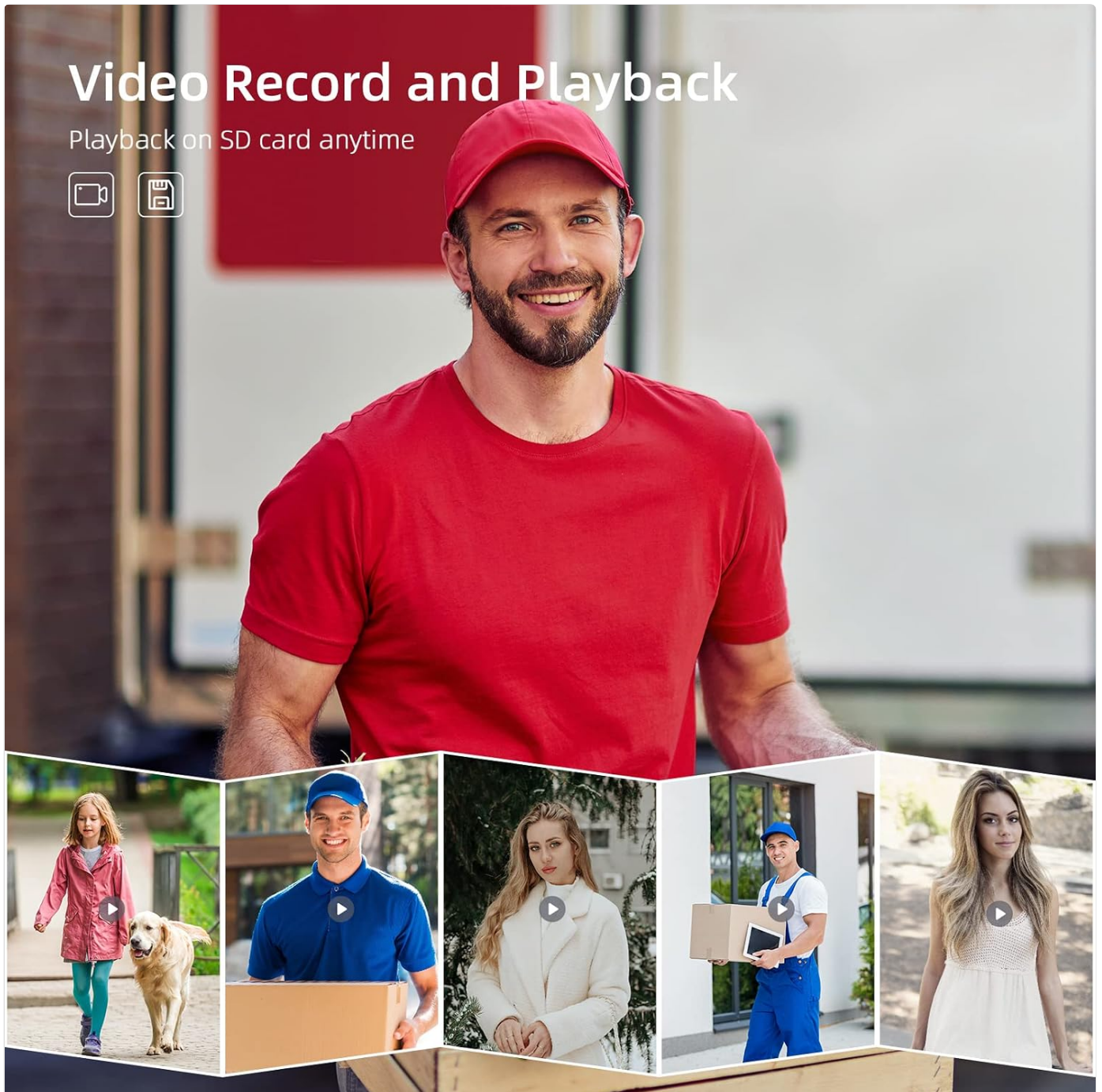


Figure 6.2: The system supports video recording and playback on an SD card.

6.5 Smart Motion Detection

Configure motion detection settings through the monitor's menu. When motion is detected within the camera's field of view, the system will automatically record or take a snapshot, enhancing your family's security.

Smart Motion Detection

Set Motion record, protect family security



Figure 6.3: The system's smart motion detection feature helps protect family security by recording events.

6.6 Multi-Intercom Communication

If you have multiple indoor monitors installed, you can communicate between them. This feature is useful for large homes or offices, allowing internal calls and call transfers.



Figure 6.4: Multiple intercoms allow conversation between family members in different rooms.

6.7 Tuya App Integration (If Applicable)

Some TMEZON models support integration with the Tuya Smart App for remote access and control. If your model supports this, download the Tuya App and follow the in-app instructions to connect your device. This allows you to receive calls, monitor, and unlock your door from your smartphone.



Figure 6.5: The Tuya App allows for smartphone control and monitoring of the system.

7. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the indoor monitor and outdoor camera lens. Do not use abrasive cleaners or solvents.
- **Outdoor Unit:** Periodically check the outdoor unit for any obstructions to the camera lens or microphone/speaker. Ensure it is free from dirt, dust, or spiderwebs.
- **Connections:** Occasionally check all wiring connections to ensure they are secure and free from corrosion.
- **Software Updates:** Check the manufacturer's website for any available firmware updates for your model.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No image on monitor	No power; Loose wiring; Camera malfunction.	Check power adapter connection; Verify all 4-wire connections; Contact support if camera is faulty.
No audio or poor audio quality	Loose audio wire; Microphone/speaker blocked.	Check audio wire connection; Clear any obstructions from microphone/speaker.
Doorbell not ringing	Loose call wire; Doorbell button malfunction.	Check call wire connection; Test doorbell button.
Door lock not opening	Incorrect lock wiring; Lock power issue.	Verify electronic lock wiring and power supply.
Motion detection not working	Sensitivity too low; Incorrect settings.	Adjust motion detection sensitivity in settings; Ensure recording is enabled.

If the problem persists after trying these solutions, please contact TMEZON customer support at support@tmezon.com.

9. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Brand	TMEZON
Model Number	MZ-VDP-739EM-NE120
Connectivity Technology	Wired
Color	1080p-1m1doorbell
Number of Channels	4
Effective Video Resolution	1080 Pixels
Viewing Angle	120 degrees
Night Vision Range	200 Meters
Material	Metal
Voltage	240 Volts
Power	5 Watts
Item Dimensions (L x W x H)	10 x 20 x 8 centimeters
Water Resistance Level	IP65 (Waterproof)
Special Features	Night vision, Photo sensor, Motion detector, Two-way audio, HD Resolution
Recommended Uses	Surveillance
Indoor/Outdoor Usage	Outdoor
Compatible Devices	Smartphone (via app, if supported)
Power Source	Electric Cable
Mounting Type	Wall Mount
Video Capture Resolution	1080p

10. WARRANTY AND SUPPORT

TMEZON products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official TMEZON website. If you require technical assistance, have questions about installation, or need to report a defect, please contact TMEZON customer support.

Customer Support Email: support@tmezon.com

Please have your model number (MZ-VDP-739EM-NE120) and purchase information ready when contacting support.

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

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