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› TMEZON 1080P WiFi Video Intercom System User Manual

TMEZON MZ-IP-V739W/1M1C+MZ-VDP-739EM/EU

TMEZON 1080P WiFi Video Intercom System User Manual

Model: MZ-IP-V739W/1M1C+MZ-VDP-739EM/EU

1. INTRODUCTION

The TMEZON 1080P WiFi Video Intercom System provides advanced security and convenience for your home or office. This system allows you to see, hear, and speak to visitors at your door, and even remotely unlock your door via a smartphone application. With high-definition video, night vision, and motion detection capabilities, it ensures comprehensive monitoring and peace of mind.



Image: The TMEZON WiFi Video Intercom System, showing the indoor monitor, outdoor doorbell, and a smartphone displaying the live view and control options.

2. PRODUCT FEATURES

- **1080P HD Video:** Crystal-clear 1080P resolution for both indoor monitor and outdoor camera.
- **WiFi Connectivity:** Connects to your home WiFi network for remote access and control via the TuyaSmart APP.
- **Two-Way Audio:** Communicate with visitors at your door from the indoor monitor or your smartphone.
- **Night Vision:** Integrated infrared sensor for clear visibility even in low-light conditions.
- **Motion Detection:** Automatically captures snapshots or records video when motion is detected.
- **Remote Unlock:** Unlock electronic locks remotely through the TuyaSmart APP.
- **Multi-Monitor Support:** Connect up to 4 indoor monitors and 2 outdoor doorbells for comprehensive coverage.
- **Local Storage:** Supports Micro SD card (not included) for automatic snapshot and video recording.
- **Weatherproof Outdoor Unit:** Outdoor doorbell features an IP65 waterproof, dustproof, and anti-vandalism design.
- **Wired Connection:** 4-wire system ensures stable power and video transmission over longer distances.

3. PACKAGE CONTENTS

Please check the package contents carefully upon unboxing. If any items are missing or damaged, contact TMEZON support immediately.

- 1 x 7-inch Indoor Monitor (MZ-IP-V739W)
- 1 x 1080P Outdoor Doorbell Camera (MZ-VDP-739EM)
- 1 x Power Adapter
- 1 x Mounting Bracket for Indoor Monitor
- 1 x Bag of Screws and Wall Plugs
- 1 x 4-Pin Connector Cable
- 1 x User Manual
- Other necessary accessories (e.g., RJ45 connector for wired internet)

4. SETUP GUIDE

4.1. Installation

The TMEZON video intercom system uses a 4-wire connection between the indoor monitor and the outdoor doorbell. Ensure all power is off before beginning installation.

1. **Mount the Outdoor Doorbell:** Choose a suitable location near your entrance, typically at eye level. Ensure it is protected from direct heavy rain if possible, despite its waterproof rating. Secure the mounting bracket to the wall using the provided screws.
2. **Mount the Indoor Monitor:** Select a convenient indoor location, such as a hallway or living room. Secure the monitor's mounting bracket to the wall.
3. **Run the 4-Wire Cable:** Route a 4-wire cable (not included, typically 0.5mm² or 22AWG) from the outdoor doorbell location to the indoor monitor location. For distances over 30 meters, consider using thicker gauge wire or a shielded cable to prevent signal degradation.
4. **Connect the Wires:** Connect the 4 wires from the cable to the corresponding terminals on both the outdoor doorbell and the indoor monitor. Typically, these are Video, Audio, Power, and Ground. Refer to the wiring diagram for precise connections.
5. **Connect Power:** Plug the power adapter into the indoor monitor and then into a standard electrical outlet.

4-Wire Installation

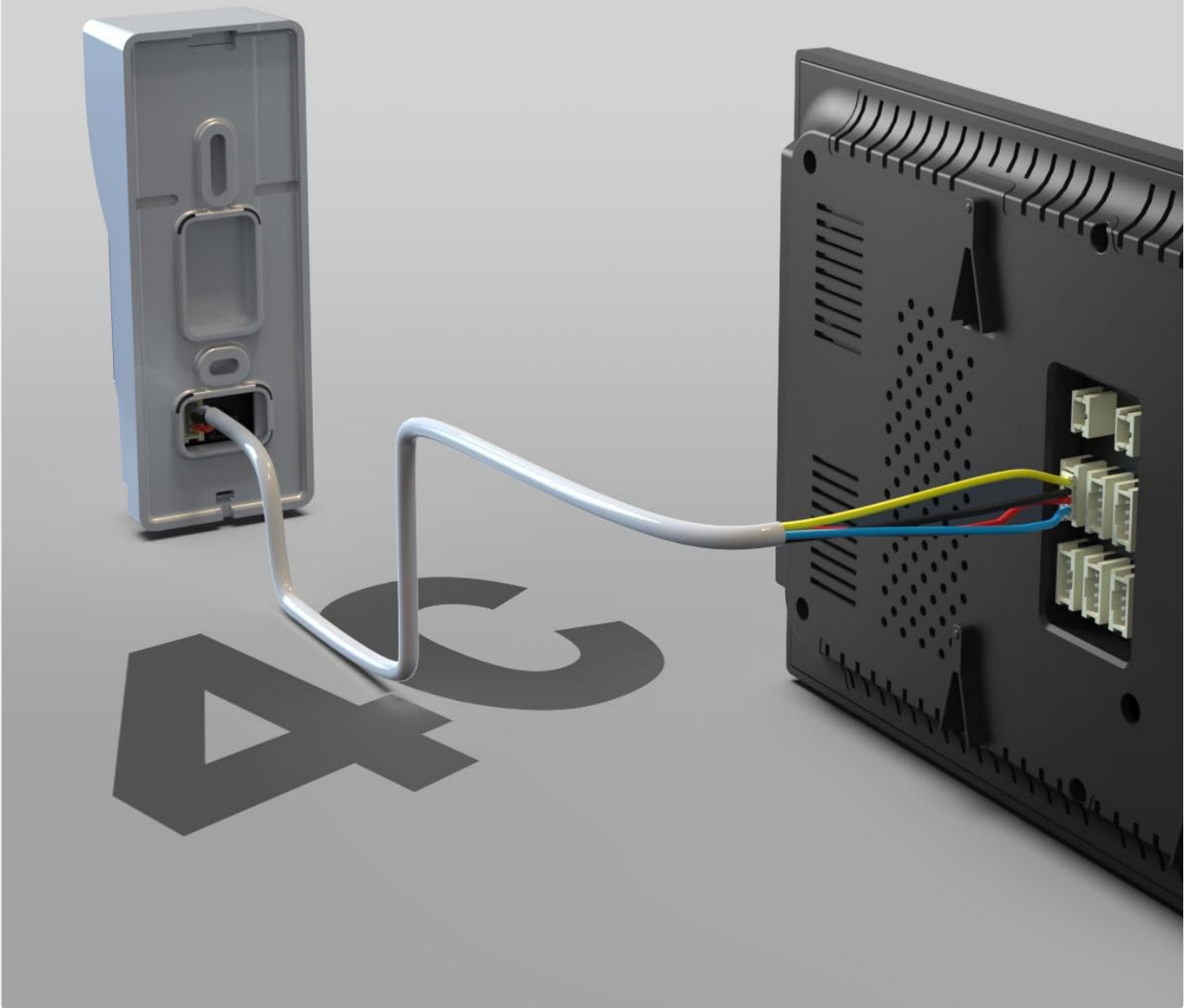


Image: A visual representation of the 4-wire connection process between the outdoor doorbell and the indoor monitor, highlighting the simplicity of the setup.

4.2. Wiring Diagram

The system typically uses a standard 4-wire connection. Ensure correct polarity and connection for optimal performance.

Wire Color (Typical)	Function	Connection Point
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Wire Color (Typical)	Function	Connection Point
Red	Power (DC 12V)	VCC
Blue/Yellow	Audio	AUDIO
White/Green	Video	VIDEO
Black	Ground	GND

Note: Always refer to the specific wiring labels on your device for accurate connections, as wire colors may vary.

4.3. App Configuration (TuyaSmart)

To enable remote access and smart features, connect your indoor monitor to the TuyaSmart APP.

- Download TuyaSmart APP:** Search for "TuyaSmart" in your smartphone's app store (iOS App Store or Google Play Store) and download it.
- Register/Log In:** Open the app and create a new account or log in with an existing one.
- Add Device:** On the indoor monitor, navigate to the WiFi settings and enable pairing mode. In the TuyaSmart app, tap "Add Device" or the "+" icon. Select "Video Surveillance" > "Smart Doorbell" or similar category.
- Connect to WiFi:** Follow the on-screen instructions in the app to connect the monitor to your 2.4GHz WiFi network. You may need to enter your WiFi password. Ensure your phone is also connected to the same 2.4GHz network during setup.
- Pairing:** The app will guide you through the pairing process, which may involve scanning a QR code displayed on the monitor or using AP mode. Once successfully paired, you will see your intercom system listed in the app.

APP Live View and **Unlock Remotely**



Image: A hand holding a smartphone showing the TuyaSmart app's live view of the doorbell camera and options for unlocking the door remotely.



Image: The Tuya App logo and a smartphone screen demonstrating a video call with family members, indicating the app's functionality for communication.

5. OPERATING INSTRUCTIONS

5.1. Basic Operation

- **Answering a Call:** When a visitor presses the doorbell, the indoor monitor will ring and display the live video feed. Press the "Answer" button on the monitor to initiate two-way communication. On the TuyaSmart app, you will receive a notification; tap it to answer.
- **Two-Way Audio:** Speak into the monitor's microphone or your phone's microphone to talk to the visitor. The visitor's voice will be heard through the monitor's speaker or your phone's speaker.
- **Unlocking the Door:** If an electronic lock is connected, press the "Unlock" button on the indoor monitor or in the TuyaSmart app to open the door remotely.
- **Monitoring:** You can manually view the outdoor camera feed at any time by pressing the "Monitor" button on the indoor unit or by opening the live view in the TuyaSmart app.



Image: The indoor monitor screen showing a live video feed of two individuals, with speech bubbles indicating a two-way audio conversation, demonstrating the intercom's communication feature.

5.2. Video Recording & Playback

The system can automatically record video or take snapshots when the doorbell is pressed or motion is detected, saving them to a Micro SD card (not included).

- **Insert Micro SD Card:** Locate the Micro SD card slot on the indoor monitor and insert a formatted card (up to 256GB

recommended).

- **Automatic Recording:** The system is configured to automatically record short video clips or snapshots upon doorbell press or motion detection.
- **Playback:** Access recorded events through the indoor monitor's menu or via the TuyaSmart app's playback function. You can review timestamps and event types.

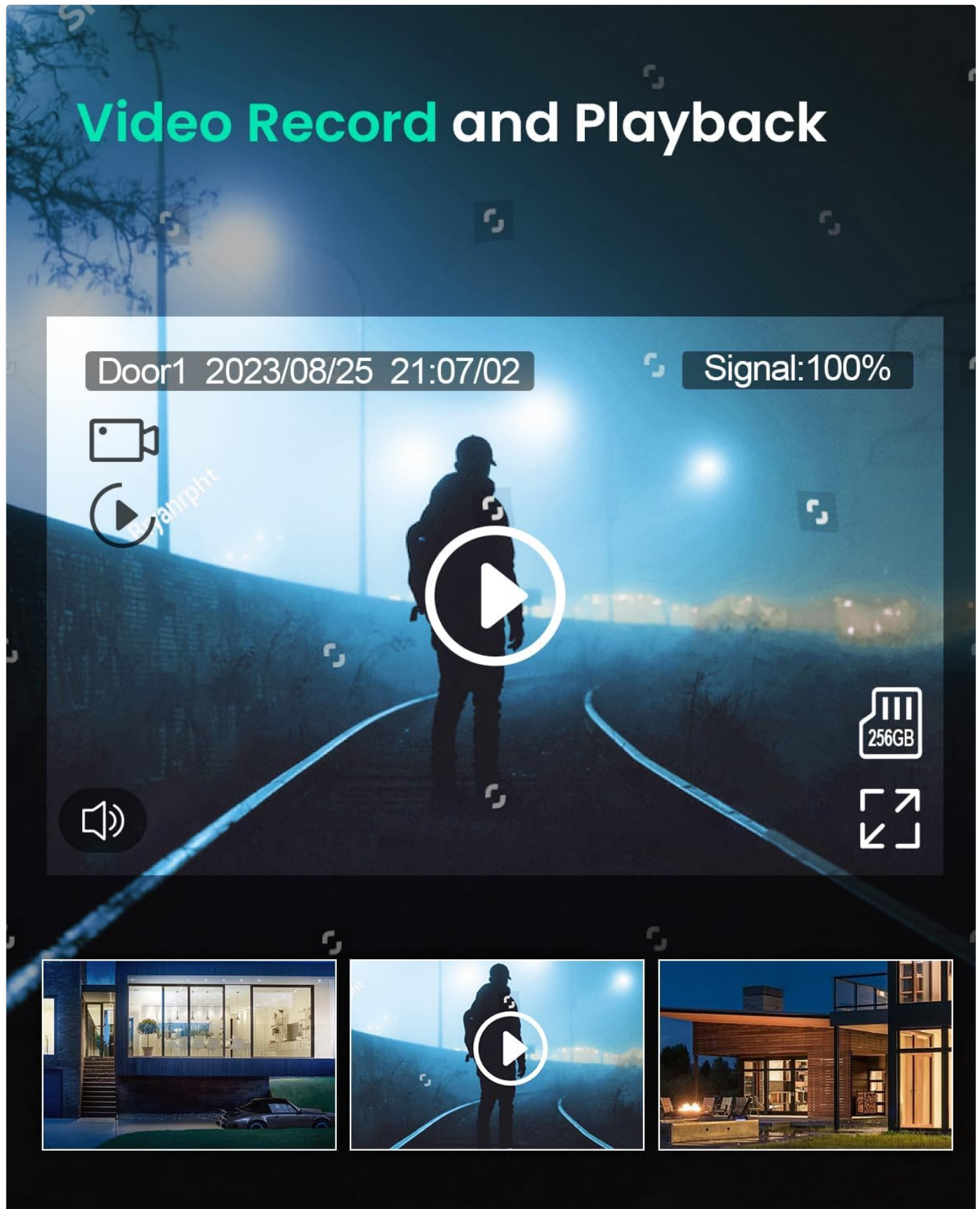


Image: A smartphone screen displaying the video record and playback interface, showing a main video clip and thumbnails of other recorded events, indicating the system's recording capabilities.

5.3. Motion Detection

The outdoor doorbell camera features smart motion detection to alert you to activity outside your door.

- **Activation:** Motion detection is typically enabled by default. You can adjust sensitivity settings in the indoor monitor's menu or through the TuyaSmart app.
- **Alerts:** When motion is detected, the system will automatically take a snapshot or record a short video clip and send a push notification to your TuyaSmart app.
- **Adjustable Detection Area:** Some models allow you to define specific motion detection zones to reduce false alarms.

Smart Motion Detection



Image: The outdoor doorbell camera actively detecting motion, with a smartphone displaying a push notification from the TuyaSmart app indicating detected movement.

5.4. Night Vision

The outdoor doorbell camera is equipped with infrared LEDs for clear vision in low-light or nighttime conditions.

- **Automatic Activation:** The night vision feature automatically activates when ambient light levels are low, switching the camera to infrared mode.

- **Clear Black and White Image:** In night vision mode, the camera provides a clear black and white image, ensuring visibility even in complete darkness.



Image: A night vision view captured by the doorbell camera, showing a person in a dark environment, demonstrating the system's ability to provide clear images at night.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your TMEZON Video Intercom System.

- **Cleaning:** Use a soft, dry cloth to clean the indoor monitor screen and the outdoor doorbell lens. Avoid abrasive cleaners or solvents that could damage the surfaces.
- **Check Connections:** Periodically check all wired connections to ensure they are secure and free from corrosion.
- **Software Updates:** Check the TuyaSmart app regularly for any available firmware updates for your device. Keeping the firmware updated ensures the latest features and security patches.
- **SD Card Management:** If using a Micro SD card for recording, periodically review and delete old footage to free up space, or ensure the overwrite function is enabled.

7. 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 indoor monitor	Loose wiring, power issue, faulty camera/monitor.	Check all 4-wire connections. Ensure power adapter is plugged in and working. Restart the system by unplugging and replugging the power.

Problem	Possible Cause	Solution
No audio (two-way communication)	Loose audio wire, microphone/speaker issue, volume too low.	Verify audio wire connection. Check volume settings on the monitor and app. Test microphone and speaker functionality.
WiFi connection unstable or fails	Incorrect WiFi password, 5GHz network, weak signal, router issues.	Ensure correct 2.4GHz WiFi network and password. Move monitor closer to router or use a WiFi extender. Restart router and monitor. Re-pair with TuyaSmart app.
Remote unlock not working	Electronic lock not connected correctly, power issue to lock, app error.	Verify wiring to the electronic lock. Ensure the lock has sufficient power. Check app settings for unlock function.
Motion detection not triggering	Sensitivity too low, detection zone not set, obstructions.	Increase motion detection sensitivity in settings. Clear any obstructions in the camera's field of view. Ensure detection zones are correctly configured.
Cannot view recordings on SD card	SD card not inserted, not formatted, full, or corrupted.	Ensure SD card is properly inserted. Format the SD card (this will erase data). Check if the card is full. Try a different SD card.

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

8. SPECIFICATIONS

Detailed technical specifications for the TMEZON 1080P WiFi Video Intercom System.

Feature	Detail
Model Number	MZ-IP-V739W/1M1C+MZ-VDP-739EM/EU
Video Recording Resolution	1080p
Monitor Size	7 inches TFT LCD
Outdoor Camera Angle	120 degrees (Wide Angle)
Connectivity Technology	Wired (4-wire), Wireless (Wi-Fi)
Power Source	Cable Electric (1 Watt)
Material	Metal
Water Resistance Level	Waterproof (Outdoor Unit)
Special Features	Portable, Night Vision, Motion Detector, Two-Way Audio, HD Resolution
Compatible Devices	Smartphone (TuyaSmart App)

Feature	Detail
Dimensions (L x W x H)	32 x 24 x 15 cm (Product Package)
Weight	1.93 kilograms



Image: A diagram illustrating the precise dimensions of both the 7-inch indoor monitor and the outdoor doorbell unit, providing clear measurements for installation planning.

9. WARRANTY AND SUPPORT

TMEZON products are designed for reliability and performance. For warranty information, please refer to the documentation included with your purchase or visit the official TMEZON website.

If you require technical assistance, have questions about installation, or need troubleshooting support, please contact our dedicated support team:

Email: support@tmezon.com

Please provide your product model number and a detailed description of the issue when contacting support to ensure a prompt and effective resolution.

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