

TMEZON MZ-IP-V728TW

TMEZON WiFi 4-Wire Video Intercom System

MODEL: MZ-IP-V728TW

1. Introduction

Welcome to your TMEZON WiFi 4-Wire Video Intercom System. This manual provides detailed instructions for installation, operation, and maintenance of your new video intercom. Please read this manual thoroughly before use to ensure proper functionality and safety.

2. Product Overview

2.1 Key Components

- 7-inch IP Touchscreen Monitor
- 1080P Outdoor Camera Doorbell
- Power Adapter (2-wire for monitor)
- 4-wire connection cable (for monitor to doorbell)
- RFID Cards (8 included)

2.2 Features

- **4-Wire Wired Connection:** Ensures stable video and audio transmission. Supports extension up to 80m.

- **WiFi Connectivity with TuyaSmart App:** Remote viewing, two-way talk, and door unlocking via smartphone.
- **Motion Detection:** Automatic photo capture or video recording when motion is detected.
- **Two-Way Audio & Voice Message:** Communicate with visitors and leave messages if unanswered.
- **Multiple Unlock Methods:** Unlock via indoor monitor, mobile app, or RFID cards.
- **1080P Outdoor Doorbell Camera:** IP65 waterproof, 125° wide-angle view, infrared night vision.
- **Multi-Connection Support:** Connects up to 2 doorbells, 5 slave monitors, and 2 1080P CCTV cameras.

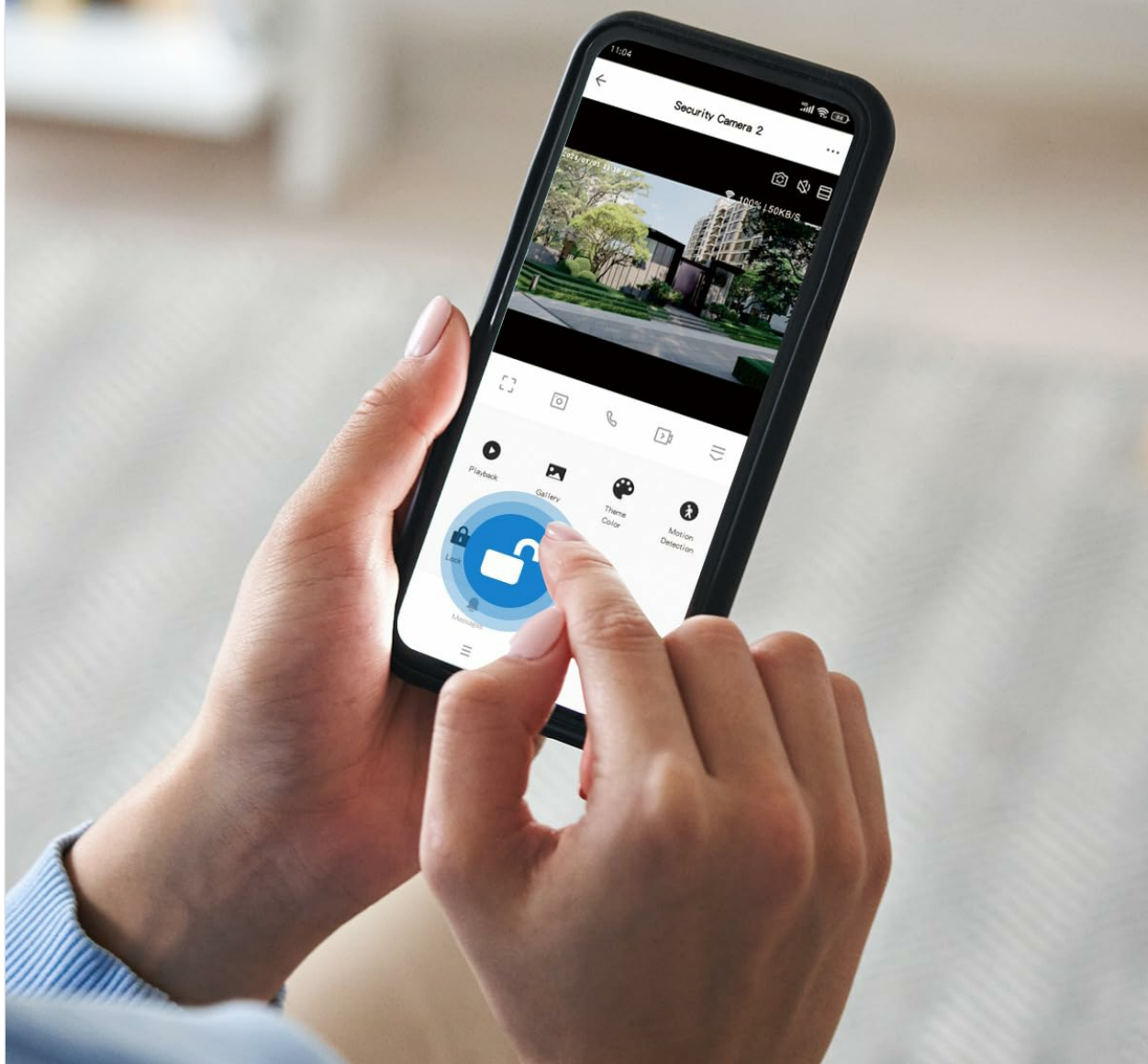
2.3 Product Images



The TMEZON WiFi 4-Wire Video Intercom System, showing the outdoor doorbell unit, the 7-inch indoor monitor, and a set of RFID key cards. A smartphone displaying the TuyaSmart app interface is also visible, demonstrating remote access capabilities.

Video in tempo reale e APP Sbloccare da remoto

Vedere, parlare, perfino aprire la porta ai visitatori con il proprio telefono



A hand holding a smartphone displaying the TuyaSmart app, with an unlock icon highlighted, illustrating the remote unlocking feature of the video intercom system.

Audio Bidirezionale



An indoor monitor displaying a visitor's face, with speech bubbles indicating a two-way audio conversation between the resident and the visitor.

SBLOCCARE da carte FRID



An outdoor scene with a delivery person walking past a house, illustrating the 125-degree motion detection range of the doorbell camera. A smartphone notification shows 'Motion detected'.

Rilevazione di Movimento

Registrare sul monitor e inviare un promemoria sullo smartphone quando viene rilevato un movimento



A hand using an RFID card to unlock the outdoor doorbell unit, demonstrating one of the multiple access methods.

Messaggio Vocale

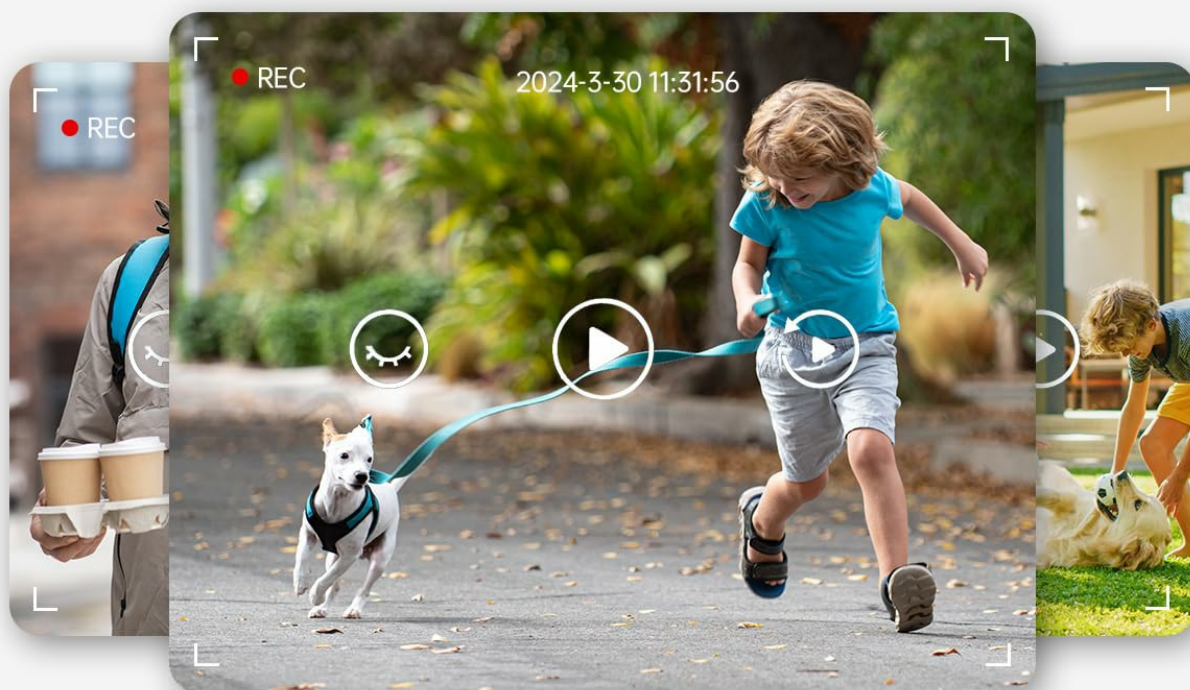
Quando nessuno risponde, i visitatori ricevono un promemoria vocale e possono lasciare un messaggio



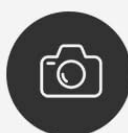
The outdoor doorbell unit with a speech bubble indicating a voice message being left by a visitor when no one answers.

Archiviazione Locale e Cloud

Supporta la scheda TF o il servizio cloud, registrerà quando qualcuno preme il campanello o viene rilevato un movimento.



Riproduzione per
data e ora



Acquisizione di
istantanee



Condivisione
di video

Screenshots showing video playback and snapshot capture, indicating local and cloud storage capabilities for recordings triggered by doorbell presses or motion detection.

Visione Chiara giorno e notte



The outdoor doorbell unit with two inset images showing clear vision during the day (bright outdoor scene) and at night (infrared view of a dark outdoor scene).

IP65 Impermeabile

Nessuna preoccupazione per il luogo di installazione



The outdoor doorbell unit with water droplets on its surface, illustrating its IP65 waterproof rating and suitability for outdoor installation.

Formato del prodotto

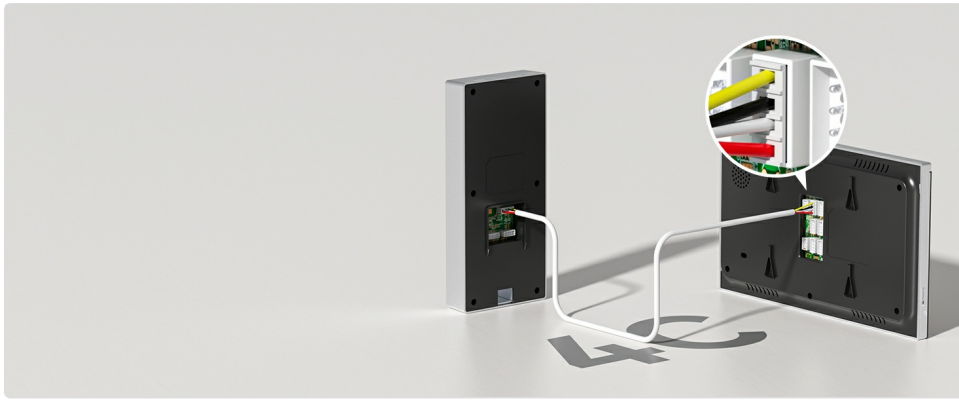
What is the dimensions?



Diagram showing the dimensions of the outdoor doorbell unit and the indoor monitor in millimeters.

3. Setup and Installation

3.1 Wiring Diagram



A simplified diagram illustrating the 4-wire connection between the indoor monitor and the outdoor doorbell unit, highlighting the wiring ports.

3.2 Step-by-Step Installation

1. **Prepare Wiring:** Ensure a 4-wire connection from the monitor to the doorbell. The monitor uses a separate 2-wire adapter for power. A 1m test cable is provided for basic connection. For longer distances (up to 80m), use a high-quality extension cable.
2. **Mount Outdoor Unit:** Install the 1080P doorbell camera in a suitable outdoor location, ensuring it is protected from direct heavy rain if possible, despite its IP65 rating.
3. **Mount Indoor Monitor:** Install the 7-inch IP monitor indoors at a convenient height.
4. **Connect Power:** Connect the monitor to its power adapter.
5. **Initial Test:** Before final mounting, test the basic connection using the provided test cable. If video or audio issues occur, replace the extension cable.
6. **Micro SD Card (Optional):** If using a Micro SD card (max 128GB), format it to FAT32 on a computer before installation.
7. **Electronic Lock Connection:** The doorbell supports connection to various electronic locks. Refer to the specific wiring diagram for your lock type.

4. Operating Instructions

4.1 Basic Operation

- **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.
- **Two-Way Communication:** On the monitor or app, you can see and speak with the visitor.
- **Unlocking the Door:**
 - From the indoor monitor: Press the unlock icon on the touchscreen.
 - From the TuyaSmart App: Tap the unlock icon in the app interface.
 - Using RFID Cards: Present an RFID card to the outdoor doorbell unit to unlock.

4.2 TuyaSmart App Integration

- **Adding Monitor to App:** Use a 2.4GHz WiFi network to add the monitor to the TuyaSmart mobile app.

- **Remote Access:** View live feed, communicate, and unlock the door remotely from your smartphone.
- **Half-Duplex Communication (App to Doorbell):** When speaking via the app, press the microphone button. Release to listen.

4.3 Motion Detection and Recording

- **Automatic Capture:** When motion is detected or the doorbell is pressed, the camera will automatically capture a photo or record a video (one of the two modes).
- **Storage:** Recordings are saved to the Micro SD card (not included).

4.4 Voice Message Mode

- If no one answers the doorbell, the system automatically switches to voice message mode, allowing visitors to leave a message.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the monitor and doorbell unit. Avoid abrasive cleaners or solvents.
- **Cable Inspection:** Periodically check all wired connections for wear or damage.
- **Software Updates:** Check the manufacturer's website or TuyaSmart app for any available firmware updates to ensure optimal performance.
- **SD Card Management:** Regularly back up important recordings from the Micro SD card and format it periodically to maintain performance.

6. Troubleshooting

Problem	Possible Cause	Solution
No video/audio	Loose or damaged wiring; Incorrect cable quality	Check all 4-wire connections. Ensure the cable quality is sufficient for the distance. Replace the extension cable if necessary.
App not connecting	Incorrect WiFi network (not 2.4GHz); Poor WiFi signal; Incorrect app setup	Ensure your phone and monitor are connected to a 2.4GHz WiFi network. Check WiFi signal strength. Re-add the monitor to the TuyaSmart app following instructions.
Delayed response/unlock	System glitch; Network latency	Perform a system restart from the monitor's menu (System > Restart). Check network stability.

Problem	Possible Cause	Solution
Motion detection not working	Incorrect settings; SD card issues	Verify motion detection settings in the monitor menu. Ensure the Micro SD card is correctly inserted and formatted (FAT32).
RFID cards not unlocking	Cards not programmed; Incorrect placement	Ensure RFID cards are properly programmed with the system. Present the card directly to the RFID reader area on the doorbell.

7. Specifications

Feature	Detail
Model Number	MZ-IP-V728TW
Monitor Size	7-inch
Monitor Type	IP Touchscreen
Doorbell Camera Resolution	1080P
Connection Type	4-wire wired
Max Cable Length	80m
WiFi Frequency	2.4GHz
Outdoor Unit IP Rating	IP65 Waterproof
Viewing Angle	125°
Night Vision	Infrared
Max SD Card Support	128GB (FAT32 format)
Multi-Device Support	Up to 2 doorbells, 5 slave monitors, 2 1080P CCTV cameras
Dimensions (Package)	26.9 x 17.9 x 9.9 cm
Weight (Item)	1.54 kg

8. Warranty and Support

For warranty information and technical support, please refer to the official TMEZON website or contact your retailer. Keep your purchase receipt as proof of purchase.

Online resources and FAQs may be available at www.tmezon.com.