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› TMEZON MZ-VDP-NE160 4-Wire Doorbell Camera Instruction Manual

TMEZON MZ-VDP-NE160

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Model: MZ-VDP-NE160

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the TMEZON MZ-VDP-NE160 4-wire doorbell camera. This outdoor station is designed to work seamlessly with compatible TMEZON videophone monitors, such as the MZ-IP-V728TW, to provide secure and convenient visitor management for your property.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating this device. Failure to follow these instructions may result in electric shock, fire, or damage to the product.

- **Electrical Safety:** Installation should be performed by a qualified electrician or technician. Ensure power is disconnected before any wiring work.
- **Water Exposure:** While designed for outdoor use, avoid direct high-pressure water jets. Ensure all connections are properly sealed.
- **Temperature:** Do not expose the device to extreme temperatures outside its operating range.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- 1 x TMEZON MZ-VDP-NE160 Doorbell Camera Unit
- Mounting Screws and Wall Plugs
- Wiring Connectors
- User Manual (this document)

4. PRODUCT OVERVIEW

The TMEZON MZ-VDP-NE160 is an outdoor doorbell camera unit. It features a camera for video surveillance, a microphone for audio input, a speaker for audio output, and a call button to initiate communication with the indoor monitor.



Figure 1: Front view of the TMEZON MZ-VDP-NE160 doorbell camera, showing the camera lens, call button, microphone, and speaker grille.

Key components include:

- **Camera Lens:** Captures video feed.
- **Call Button:** Activates the indoor monitor and initiates communication.
- **Microphone:** Captures audio from visitors.
- **Speaker:** Allows two-way audio communication.
- **Wiring Terminal (Rear):** For connecting the 4-wire cable to the indoor monitor and power supply.

5. SETUP AND INSTALLATION

The MZ-VDP-NE160 is a 4-wire system. Proper wiring is crucial for correct operation. It is recommended to consult a professional for installation if you are unfamiliar with electrical wiring.

5.1 Mounting Location

- Choose a location near your entrance, typically at a height of 1.4 to 1.6 meters (4.6 to 5.2 feet) from the ground, ensuring a clear view of visitors.
- Avoid direct sunlight or strong light sources that could cause glare on the camera.
- Ensure the mounting surface is flat and stable.

5.2 Wiring Diagram (General)

The doorbell camera connects to the indoor monitor (e.g., MZ-IP-V728TW) using a 4-wire cable. The typical connections are:

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

Note: Refer to the specific wiring diagram provided with your indoor monitor for precise connection details. Ensure polarity is correct for power connections.

5.3 Installation Steps

1. **Disconnect Power:** Before starting, ensure all power to the existing doorbell system and the indoor monitor is turned off at the circuit breaker.
2. **Mounting Bracket:** Secure the mounting bracket (if applicable, or the unit directly) to the wall using the provided screws and wall plugs.
3. **Wire Connection:** Connect the 4-wire cable from the indoor monitor to the corresponding terminals on the rear of the MZ-VDP-NE160 doorbell camera. Ensure connections are secure.
4. **Secure Unit:** Attach the doorbell camera unit to the mounting bracket or directly to the wall, ensuring it is firmly in place.
5. **Restore Power:** Once all connections are made and secured, restore power to the system.
6. **Test System:** Test the doorbell functionality by pressing the call button and verifying communication with the indoor monitor.

6. OPERATING INSTRUCTIONS

The TMEZON MZ-VDP-NE160 doorbell camera operates in conjunction with your TMEZON indoor monitor.

- **Visitor Call:** When a visitor presses the call button on the MZ-VDP-NE160, the indoor monitor will ring and display the video feed from the doorbell camera.
- **Two-Way Communication:** On the indoor monitor, you can answer the call to engage in two-way audio communication with the visitor.
- **Door Release (if connected):** If an electronic door lock is connected to your indoor monitor system, you can typically unlock the door from the indoor monitor during a call.
- **Monitoring:** Some indoor monitors allow you to manually view the live video feed from the doorbell camera at any time, even without a visitor pressing the button.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your doorbell camera.

- **Cleaning:** Periodically wipe the camera lens and the front panel with a soft, slightly damp cloth to remove dust and dirt. Do not use harsh chemicals or abrasive materials.
- **Inspect Connections:** Annually, inspect the wiring connections for any signs of corrosion or loosening. Ensure the unit is securely mounted.
- **Software Updates:** While this specific unit does not have user-updatable software, ensure your indoor monitor's firmware is up to date for best compatibility and features.

8. TROUBLESHOOTING

If you encounter issues with your MZ-VDP-NE160 doorbell camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No video/audio on indoor monitor	Power supply issue Loose or incorrect wiring Faulty cable	Check power to the indoor monitor and doorbell. Verify all 4-wire connections are secure and correct. Test with a known good cable if possible.
Call button not responding	No power to the unit Button malfunction	Check power supply. Contact customer support if power is confirmed and button still fails.
Poor video quality	Dirty camera lens Insufficient lighting Cable interference	Clean the camera lens. Ensure adequate lighting in front of the doorbell. Check cable for damage or proximity to strong electrical interference.

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

9. SPECIFICATIONS

Feature	Detail
Model	MZ-VDP-NE160
Brand	TMEZON
Product Dimensions (L x W x H)	1 x 1 x 1 cm
Wiring Type	4-Wire System
Operating Voltage	240 Volts (System dependent, typically 12V DC for the unit itself, 240V might refer to power supply input)
Power Consumption	5 Watts
Color	Grey
Included Components	Doorbell unit

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your complete TMEZON videophone system or visit the official TMEZON website. Keep your purchase receipt as proof of purchase for warranty claims.

For direct assistance, you may contact TMEZON customer service through their official channels.