

TMEZON TL-AH708-SD

Tmezon Wireless Video Doorbell System User Manual

Model: TL-AH708-SD

1. INTRODUCTION

The Tmezon Wireless Video Doorbell System provides enhanced home security and convenience. This system includes a 1080P camera, a 7-inch touch screen monitor, and supports WiFi connectivity (2.4G/5G). Key features include two-way audio, motion detection, and remote access via the Tuya APP, all without recurring monthly fees. This manual provides detailed instructions for setup, operation, and maintenance of your Tmezon Wireless Video Doorbell System.



Figure 1.1: The Tmezon Real-Wireless Video Door Phone system, designed for easy installation and remote access.

2. PRODUCT OVERVIEW & COMPONENTS

Your Tmezon Wireless Video Doorbell System comes with the following components:



Figure 2.1: Overview of the Tmezon Wireless Video Doorbell System, showing the doorbell unit, 7-inch monitor, and a smartphone displaying the Tuya app interface. A micro SD card is also visible, indicating local storage capability.

- Wireless Video Doorbell Unit (1080P Camera)
- 7-inch Touch Screen Monitor
- Power Adapters
- USB Cable
- Mounting Screws and Anchors
- User Manual
- Unlock Module (optional, for electronic lock integration)

3. KEY FEATURES

- **Wireless DIY Installation:** Easy setup without professional assistance.
- **Real 1080P HD Resolution:** Crystal-clear video on the 7-inch touch screen monitor.

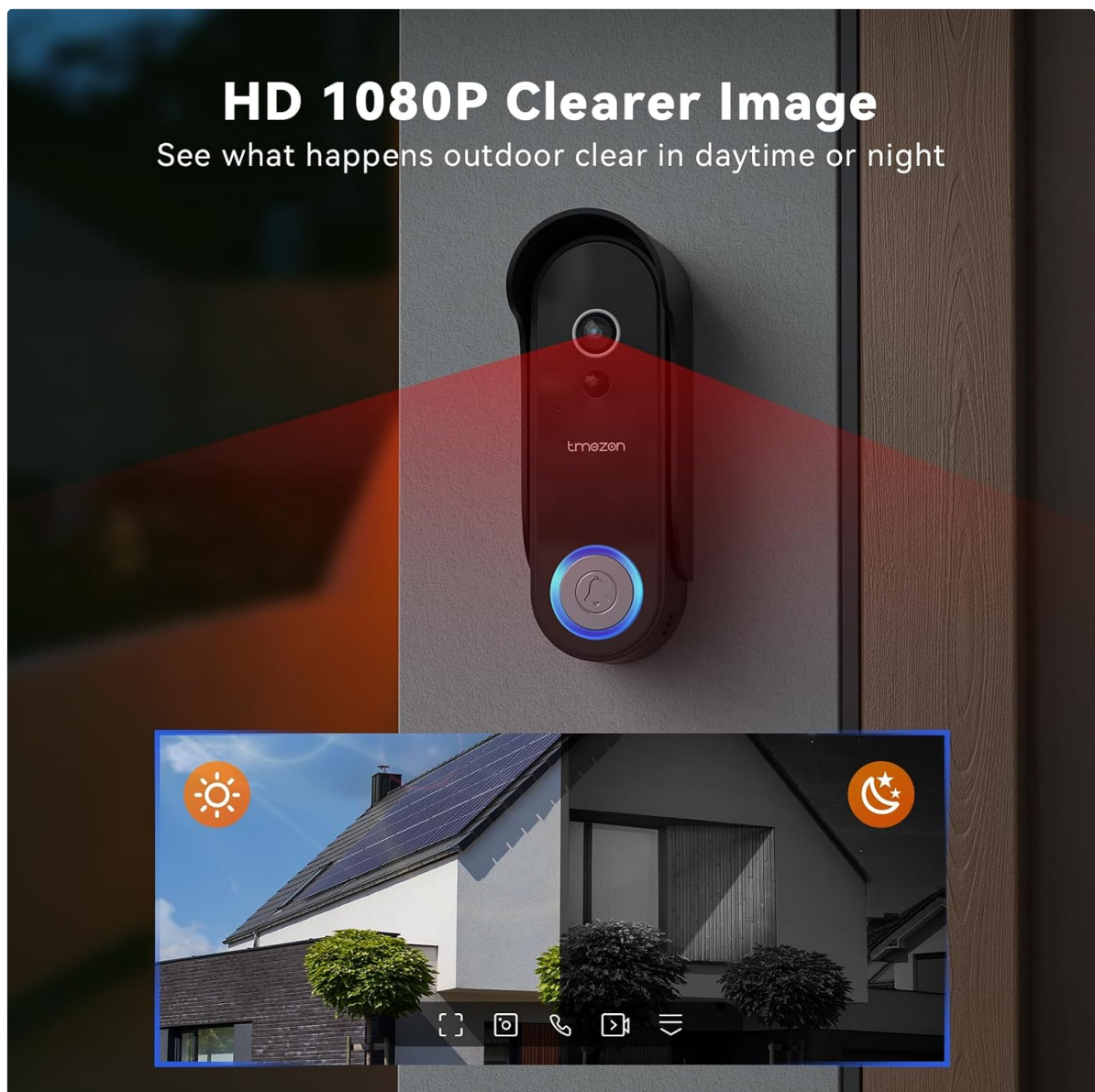


Figure 3.1: The 1080P HD camera provides clear images day and night, ensuring comprehensive monitoring.

- **Dual-Band WiFi Support:** Compatible with 2.4G and 5G WiFi networks for stable signal transmission.
- **Motion Detection (PIR Sensor):** Sends real-time notifications to your monitor and mobile phone upon detecting movement up to 5 meters.
- **Two-Way Audio:** Communicate with visitors from your phone or monitor.
- **No Subscription/Monthly Fees:** Enjoy all features without recurring costs.
- **Local Storage:** Supports TF card (not included) for video recording and playback.
- **Long-Lasting Battery:** 5,000 mAh rechargeable lithium battery in the doorbell camera, lasting up to 90 days.
- **Tuya APP Integration:** Full control and monitoring from your smartphone.

4. SETUP GUIDE

4.1 Initial Charging & Power

Before installation, ensure both the doorbell camera and the monitor are fully charged. The doorbell camera is equipped with a 5000mAh rechargeable battery. The monitor can be powered via its adapter.



Figure 4.1: The doorbell camera features a removable 5000mAh rechargeable battery for long-lasting operation.



Figure 4.2: The 7-inch monitor can be charged via its power adapter, ensuring continuous operation.

4.2 Wireless Installation

The Tmezon system is designed for easy wireless installation. Choose a suitable location for your doorbell unit

near your entrance and the monitor inside your home. Ensure good wireless signal strength between the two units.



Figure 4.3: The wireless intercom system provides coverage throughout your home, allowing flexible placement of the doorbell and monitor.



Figure 4.4: Consider material interference when placing units. Signal strength is strongest in open air, moderate through wood/glass and stone, and weakest through metal.

4.3 Connecting to Wi-Fi

The monitor supports both 2.4G and 5G WiFi for robust connectivity. Follow these steps to connect your monitor to your home network:

1. On the monitor, navigate to "System Settings".
2. Select "WLAN" to view available networks.
3. Choose your desired WiFi network (SSID) and enter the password.
4. Confirm connection.



Figure 4.5: The monitor supports both 5GHz and 2.4GHz WiFi bands for flexible and stable network connection.



Figure 4.6: Access WLAN settings from the monitor's system menu to connect to your home WiFi network.

4.4 Tuya APP Setup

For remote monitoring and control, download and configure the Tuya Smart app on your smartphone. The app allows you to manage your doorbell system from anywhere.

1. Download "Tuya Smart" from the App Store (iOS) or Google Play (Android).
2. Register or log in to your account.
3. On the monitor, go to "System Settings" and select "About" to find the QR code for device pairing.
4. In the Tuya Smart app, select "Add Device" or scan the QR code displayed on the monitor to pair your doorbell system.

APP Remote and Unlock

Download the free APP "Tuya Smart", Start controlling your smart home



Figure 4.7: The Tuya Smart app provides a comprehensive interface for managing your doorbell system, including live view and remote control.

For a visual guide on setting up the system and connecting to the mobile app, please refer to the video below:

Your browser does not support the video tag.

Video 4.1: This video demonstrates the setup process for the Tmezon wireless video intercom system, including connecting the monitor and pairing with the mobile application.

5. OPERATING INSTRUCTIONS

5.1 Answering Calls & Two-Way Audio

When a visitor presses the doorbell, the monitor will ring, and you will receive a notification on your Tuya Smart app. You can answer the call from either device.

- On the monitor: Tap the "Answer" icon to establish two-way communication.
- On the app: Tap the notification to open the live view and use the "Speak" function to talk to the visitor.

2-Way Audio and One-Key Unlock

See, talk with visitors and unlock in seconds



Figure 5.1: Engage in real-time two-way audio communication with visitors directly from your monitor.

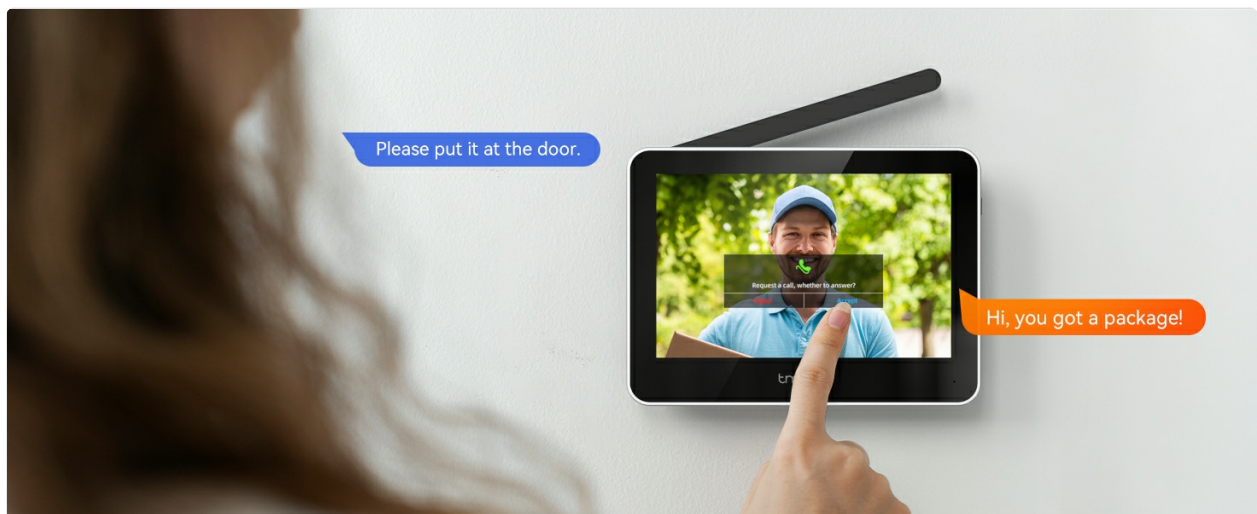


Figure 5.2: Speak and listen to visitors through the monitor, enhancing security and convenience.

5.2 Motion Detection

The built-in PIR sensor detects motion and sends instant alerts. This feature helps you stay informed about

activity outside your door.

- Notifications: Receive real-time alerts on your monitor and smartphone when motion is detected.
- Adjust Sensitivity: You can adjust the motion detection sensitivity in the system settings to minimize false alarms.



Figure 5.3: The doorbell's PIR sensor accurately detects motion, providing timely alerts.

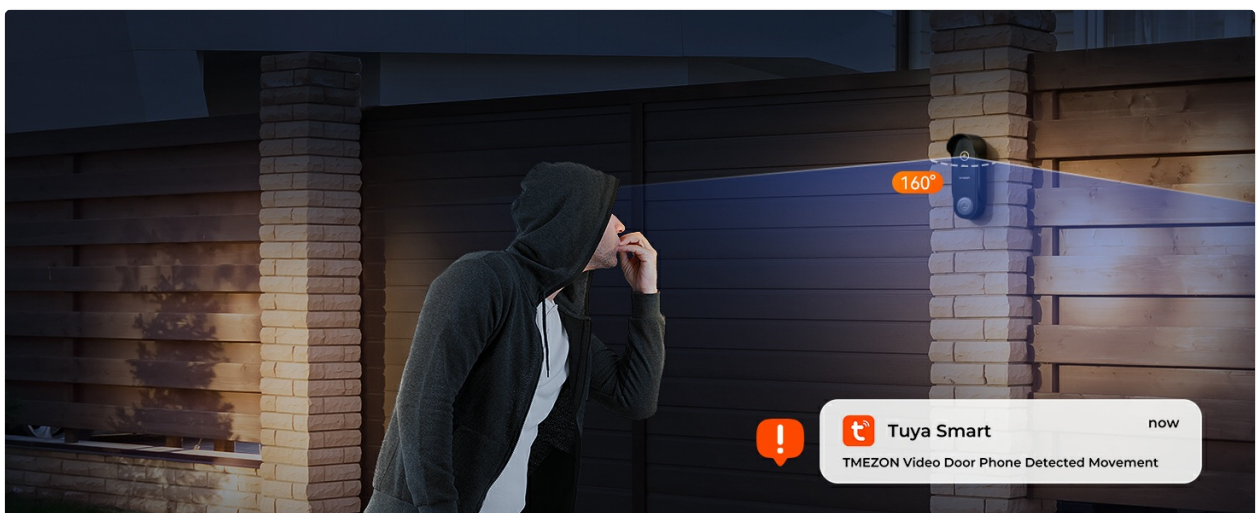


Figure 5.4: Receive instant notifications on your smartphone when motion is detected, keeping you informed of activity at your door.

5.3 Video Recording & Playback

The system supports local storage via a TF card (not included) for recording video footage. You can review recorded events directly on the monitor or through the Tuya Smart app.

- Recording: Videos are automatically recorded when the doorbell is pressed or motion is detected.
- Playback on Monitor: Access recorded videos directly from the monitor's interface.
- Playback on App: View and download recorded footage via the Tuya Smart app.



Figure 5.5: Easily review recorded video clips directly on the 7-inch touch screen monitor.



Figure 5.6: The monitor's interface allows for easy navigation and playback of recorded video events.

5.4 Remote Unlocking (Optional)

If you have an electronic lock connected to the system via the unlock module, you can remotely unlock your door through the Tuya Smart app.



Figure 5.7: The Tuya Smart app provides a convenient unlock feature for integrated electronic locks.

Watch this video for a demonstration of the doorbell's features, including two-way audio and remote unlocking:

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Video 5.1: This video highlights the key functionalities of the TMEZON doorbell with camera and monitor, including live view, two-way communication, and remote unlocking capabilities.

6. MAINTENANCE

- **Battery Life:** The doorbell camera's 5,000 mAh battery can last up to 90 days on a single charge, depending on usage. Monitor battery status via the app or monitor.
- **Charging:** Recharge the doorbell camera when the battery is low. The monitor should ideally be connected to a power source for stable use.
- **Cleaning:** Gently wipe the camera lens and monitor screen with a soft, dry cloth. Avoid abrasive cleaners.
- **Firmware Updates:** Periodically check for firmware updates through the Tuya Smart app to ensure optimal performance and security.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on monitor/app	Low battery, poor wireless connection, device offline.	Charge doorbell/monitor. Check WiFi connection. Restart devices.
Poor video quality	Weak WiFi signal, dirty lens.	Improve WiFi signal strength. Clean camera lens.
Motion detection not working	Incorrect sensitivity settings, obstruction.	Adjust PIR sensitivity in settings. Ensure clear view for sensor.
Cannot connect to Tuya APP	Incorrect WiFi password, app pairing issue.	Verify WiFi password. Re-pair device using QR code. Ensure app is updated.
No two-way audio	Microphone/speaker muted, poor connection.	Check volume settings on monitor/app. Ensure stable connection.

8. SPECIFICATIONS



Figure 8.1: Physical dimensions of the Tmezon Wireless Video Doorbell and Monitor.

Feature	Detail
Brand	TMEZON
Model Number	TL-AH708-SD
Color	WIRELESS
Video Capture Resolution	1080p
Connectivity Technology	Wireless (2.4G/5G WiFi)
Power Source	Battery Powered / Power adapter
Battery Cell Composition	Lithium Ion
Battery Life (Doorbell)	Up to 90 days (5,000 mAh)
Compatible Devices	Smartphone (Tuya APP)
Alert Type	Audio & Motion
Control Method	App, Remote, Touch, Voice
Item Weight	1.23 Kilograms (2.71 pounds)
Product Dimensions	1 x 1 x 1 inches
Country of Origin	China

9. WARRANTY & SUPPORT

TMEZON is committed to providing professional security monitoring products and solutions. For any technical assistance, troubleshooting, or warranty inquiries, please refer to the contact information provided in your product packaging or visit the official TMEZON website. The system operates without subscription or monthly fees, ensuring long-term cost-effective security.