

Wireless Video Doorbell System with 7-inch Monitor

Generic Wireless Video Doorbell System with 7-inch Monitor User Manual

1. INTRODUCTION

Thank you for choosing the Wireless Video Doorbell System with 7-inch Monitor. This manual provides essential information for the safe and efficient operation of your device. Please read it thoroughly before installation and use, and keep it for future reference.

2. SAFETY INFORMATION

- Ensure all wiring is performed by a qualified electrician to prevent electric shock or damage.
- Do not expose the outdoor unit to extreme temperatures or direct water spray beyond its IP65 rating.
- Keep the monitor unit away from moisture and direct sunlight.
- Use only the power adapter supplied with the device.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.

3. PRODUCT FEATURES

- **7-inch LCD Monitor and Waterproof Doorbell:** Features a slim design, touch key operation, and hands-free 7-inch TFT display monitor. The outdoor doorbell includes a waterproof cover and built-in infrared sensor.
- **App Unlock and Remote Control:** Receive mobile notifications when someone presses the doorbell. Respond to notifications to see, hear, and speak to visitors from anywhere. Connect the video intercom to an electric lock for remote unlocking via the phone app or indoor monitor.
- **Automatic Recording with SD Card:** The camera automatically records snapshots or videos to the included 32GB SD card when the doorbell is pressed or motion is detected.
- **Motion Detection and HD Night Vision:** Advanced night vision technology and infrared high-definition sensors allow identification of visitors in low-light conditions. The system can automatically capture images even if the doorbell is not pressed, thanks to motion detection.
- **Easy Setup:** The video doorbell can be easily set up and installed using the provided tools.

4. PACKAGE CONTENTS

Please check the package for the following items:

- 7-inch Indoor Monitor Unit
- Outdoor Doorbell Camera Unit
- Power Adapter for Monitor
- Mounting Bracket for Doorbell
- Waterproof Cover for Doorbell
- Wiring Cables
- Screws and Wall Plugs
- 32GB SD Card (pre-installed or separate)
- User Manual

5. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your video doorbell system.



Image: Overview of the 7-inch indoor monitor and outdoor doorbell unit.

5.1 Indoor Monitor

- 7-inch TFT Display: For viewing visitors and system settings.
- Touch Keys: For navigation and control.
- Microphone and Speaker: For two-way audio communication.
- SD Card Slot: For video and snapshot storage.

5.2 Outdoor Doorbell Unit

- HD Camera: Captures video of visitors.
- Call Button: Initiates a call to the indoor monitor and linked smartphones.

- IR LEDs: Provides night vision capabilities.
- PIR Motion Sensor: Detects movement in front of the doorbell.
- Microphone and Speaker: For two-way audio communication.



Image: Detailed view of monitor interface and doorbell components, including microphone, camera, IR LED, call button, and speaker.

6. SETUP

6.1 Installation of Outdoor Doorbell Unit

1. Choose a suitable location near your door, ensuring clear visibility and protection from direct heavy rain (though the unit is IP65 rated, a waterproof cover is provided for added protection).
2. Mount the bracket securely to the wall using the provided screws and wall plugs.
3. Connect the necessary wiring (power, lock control if applicable) to the doorbell unit.
4. Attach the doorbell unit to the mounted bracket and secure it.
5. Install the waterproof cover over the doorbell unit.



Image: Doorbell unit dimensions and mounting accessories, including the angle bracket and waterproof cover.

6.2 Installation of Indoor Monitor Unit

1. Select a convenient indoor location for the monitor, such as a wall near an electrical outlet.
2. Mount the monitor bracket to the wall.
3. Connect the monitor to the doorbell unit using the provided wiring.
4. Connect the power adapter to the monitor and plug it into an electrical outlet.
5. Secure the monitor unit onto its bracket.

6.3 Wiring Diagram

Refer to the following diagram for proper wiring connections between the doorbell, monitor, and optional accessories like electric locks or additional cameras.



Tuya Smart



Smart Life

Available on the iPhone
App Store

ANDROID APP ON
Google play

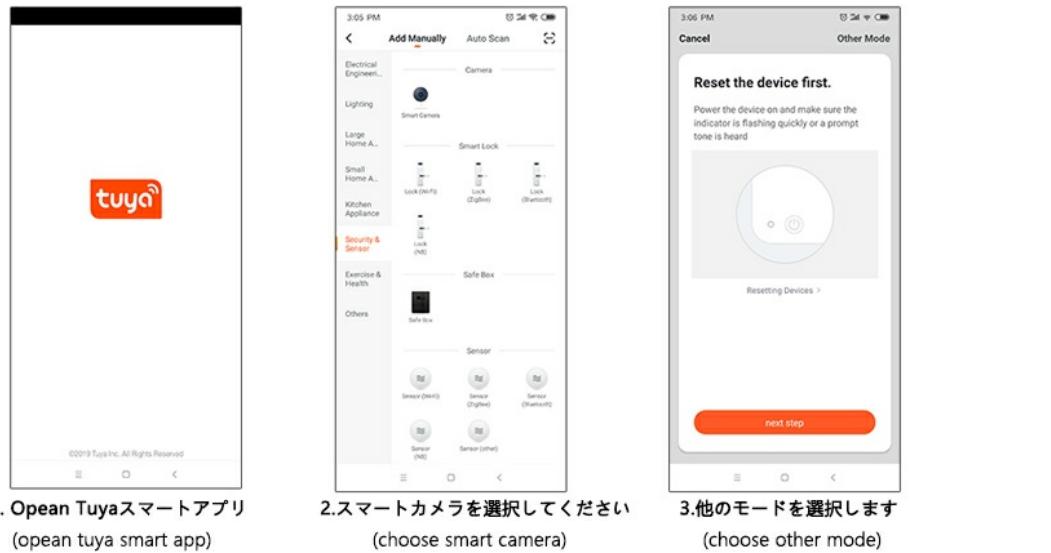


Image: Wiring diagram showing connections for master monitor, doorbell units, cameras, and power supply.

6.4 App Installation and Pairing

To enable remote monitoring and control, download the companion app to your smartphone.

1. Scan the QR code in the manual or search for "Tuya Smart" or "Smart Life" in your smartphone's app store (App Store for iOS, Google Play for Android).
2. Install and open the app, then register a new account or log in.
3. Follow the in-app instructions to add your device. This typically involves selecting "Smart Camera" or a similar category and following the pairing process, which may include resetting the device.

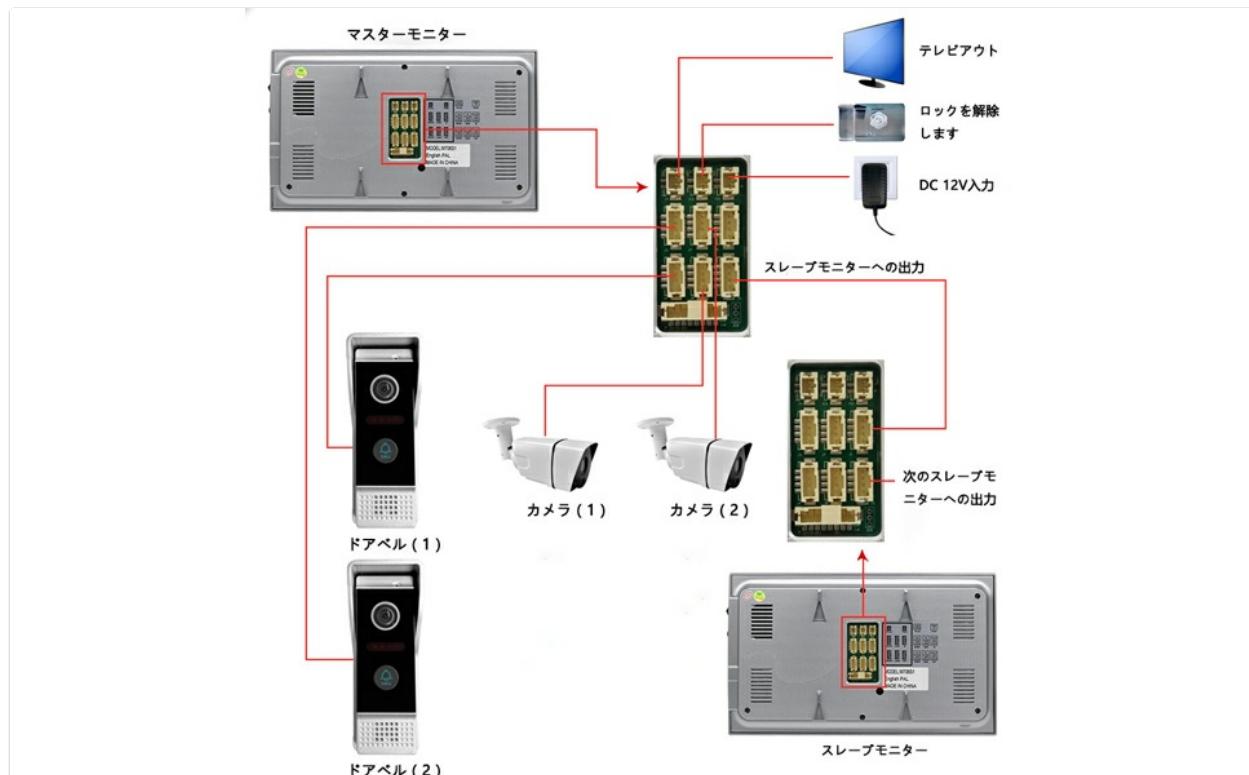


Image: Steps for app installation and device pairing, showing app icons and pairing interface.

7. OPERATING INSTRUCTIONS

7.1 Answering Calls and Two-Way Audio

When a visitor presses the doorbell button:

- The indoor monitor will ring and display the visitor's image.
- Your paired smartphone will receive a notification.
- On the monitor or app, tap the 'Answer' button to initiate two-way audio communication. You can speak to the visitor and hear their response.



Image: A family communicating with a visitor via the indoor monitor, demonstrating two-way audio.

7.2 Remote Unlocking

If connected to an electric lock, you can unlock the door remotely:

- During a call, tap the 'Unlock' icon on the indoor monitor or the smartphone app.
- The electric lock will disengage, allowing the visitor entry.

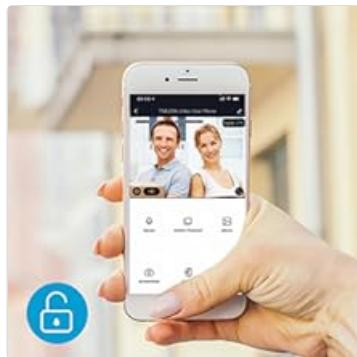


Image: A smartphone screen displaying the remote unlock function within the app.

7.3 Monitoring

You can view the live feed from the doorbell camera at any time:

- On the indoor monitor, select the 'Monitor' function.
- On the smartphone app, open the device to view the live stream.

7.4 Automatic Recording and Motion Detection

The system is designed to automatically record events:

- When the doorbell button is pressed, the camera will automatically record a video or snapshot.
- The PIR motion sensor will detect movement and trigger automatic recording, even if the doorbell is not pressed.
- All recordings are saved to the installed 32GB SD card.



PIRモーション

PIRモーション検知機能によって
、監視エリア内で捕捉された不審
者の動画を即時メッセージでスマ
ホにお知らせし、自動的に不審者
の映像が保存できます。



Image: Illustration of PIR motion detection, showing a person being detected and an alert on a smartphone.

7.5 Night Vision

The doorbell camera is equipped with infrared night vision for clear viewing in low-light conditions.

- The IR LEDs automatically activate in dim lighting.
- This allows for clear identification of visitors even at night.



Image: Comparison of day and night vision, highlighting the HD960P night vision feature of the doorbell camera.

7.6 SD Card Functionality

The system supports up to a 32GB SD card for storing recordings.

- Ensure the SD card is properly inserted into the monitor's slot.
- Recordings can be reviewed directly on the monitor or via the smartphone app.
- The system will automatically overwrite older files when the SD card is full.



Image: Close-up of the monitor unit showing the SD card slot.

8. MAINTENANCE

- Cleaning:** Use a soft, dry cloth to clean the monitor screen and doorbell camera lens. Do not use abrasive cleaners or solvents.
- Outdoor Unit:** Periodically check the outdoor unit for any debris or obstructions that might block the camera or motion sensor. Ensure the waterproof cover is securely in place.
- SD Card:** Regularly back up important recordings from the SD card. Format the SD card periodically (e.g., every 3-6 months) to maintain optimal performance.

IP65防水防塵

操作温度 : -40°C ~ +50°C



Image: Illustration of the doorbell unit's IP65 waterproof and dustproof rating, showing resistance to water, extreme cold, lightning, and high temperatures.

9. TROUBLESHOOTING

- No Power to Monitor:** Check the power adapter connection and ensure the outlet is functional.
- No Video/Audio from Doorbell:** Verify all wiring connections between the doorbell and monitor. Ensure the doorbell unit has power.
- Cannot Connect to Wi-Fi/App:** Ensure your Wi-Fi network is 2.4GHz (5GHz is not supported). Check Wi-Fi signal strength. Try resetting the doorbell unit and repeating the app pairing process. Ensure correct Wi-Fi password entry.
- Poor Audio Quality (Echoing):** Ensure the doorbell and monitor are not too close to each other, which can

cause feedback. Adjust volume settings if available.

- **Motion Detection Not Working:** Check motion detection settings in the monitor or app. Ensure the sensor is not obstructed.
- **SD Card Not Recording:** Ensure the SD card is properly inserted and not full. Try formatting the SD card (this will erase all data).

10. SPECIFICATIONS

Feature	Specification
Brand	Generic
Monitor Size	7-inch TFT LCD
Video Resolution	960p
Connectivity	Wireless (Wi-Fi)
Storage	Supports up to 32GB SD Card (included)
Night Vision	Infrared (IR)
Motion Detection	PIR Sensor
Waterproof Rating	IP65 (Outdoor Unit)
Usage Environment	Indoor (Monitor), Outdoor (Doorbell)
Compatible Devices	Smartphone
Material	Plastic, Metal
Weight	1.16 kg
ASIN	B09P8GT1LL

11. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. Please refer to the product packaging or contact your retailer for specific warranty terms and conditions.

For technical support, troubleshooting assistance, or any questions regarding your product, please contact the seller or manufacturer directly through the platform where you purchased the item.