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› OBO HANDS 7-Inch 1080P WiFi Smart Video Door Phone Intercom System User Manual

OBO HANDS B0BV29W6HM

OBO HANDS 7-Inch 1080P WiFi Smart Video Door Phone Intercom System User Manual

Model: B0BV29W6HM

1. OVERVIEW

The OBO HANDS 7-Inch 1080P WiFi Smart Video Door Phone Intercom System provides enhanced security and convenience for single-family homes. This system features a 1080P HD outdoor camera with night vision and a 7-inch touch screen indoor monitor. It supports remote access and control via the TuyaSmart app, allowing you to see, hear, and speak to visitors from anywhere, as well as remotely unlock your door.

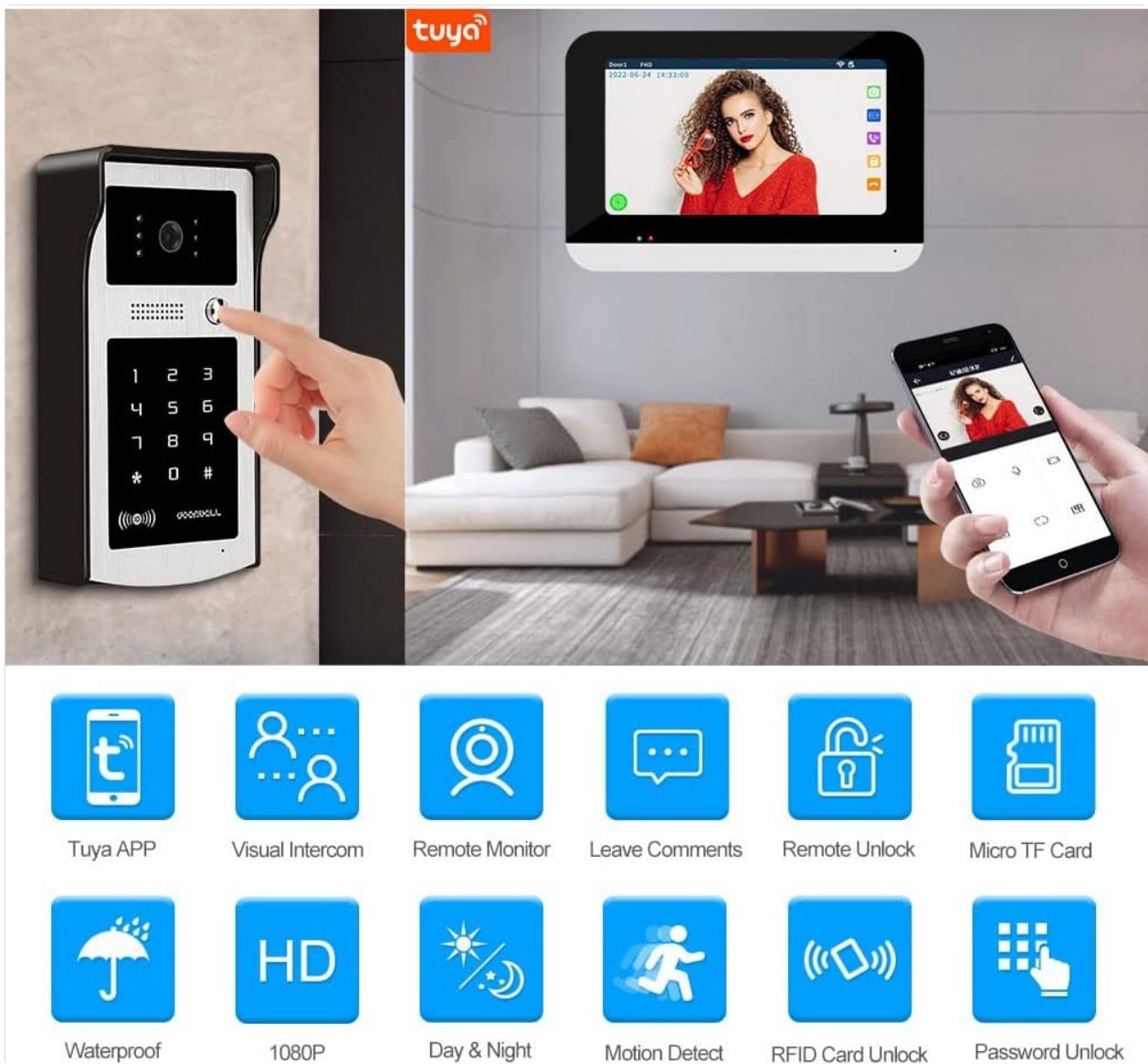


Figure 1: OBO HANDS 7-Inch Video Intercom System with key features including Tuya APP, Visual Intercom, Remote Monitor, Remote Unlock, Waterproof, 1080P, Day & Night Vision, Motion Detect, RFID Card Unlock, and Password Unlock.

Key Features:

- **4-Wire Video Doorbell System:** Ensures stable wired connection for reliable operation.
- **7-Inch Touch WiFi Monitor:** Intuitive UI interface with smart Tuya APP support for wireless WiFi, hands-free intercom, monitoring, and electronic lock unlocking.
- **1080P Full HD Doorbell & Night Vision:** High-resolution camera with rain cover and built-in IR lights for clear images day and night.
- **Real-Time Response:** Receive Tuya APP calls on your phone when visitors press the doorbell, enabling two-way communication and remote unlocking.
- **Multiple Unlocking Methods:** Supports remote unlocking via app, indoor monitor, RFID cards, and password entry.

2. PACKAGE CONTENTS

Please check the package contents carefully. If any items are missing or damaged, contact customer support.

- 1 x 7-Inch Indoor Monitor
- 1 x Outdoor Doorbell Unit (with keypad)
- 1 x Power Adapter

- 1 x Mounting Bracket
- 1 x Set of Wiring Cables
- 1 x Set of Mounting Screws and Anchors
- RFID Cards (quantity may vary)
- User Manual

3. SYSTEM COMPONENTS

3.1 Indoor Monitor

The 7-inch indoor monitor features an IPS HD touch screen with a resolution of 1024*600. It serves as the central control unit for your intercom system, allowing you to view visitors, communicate, and manage settings.

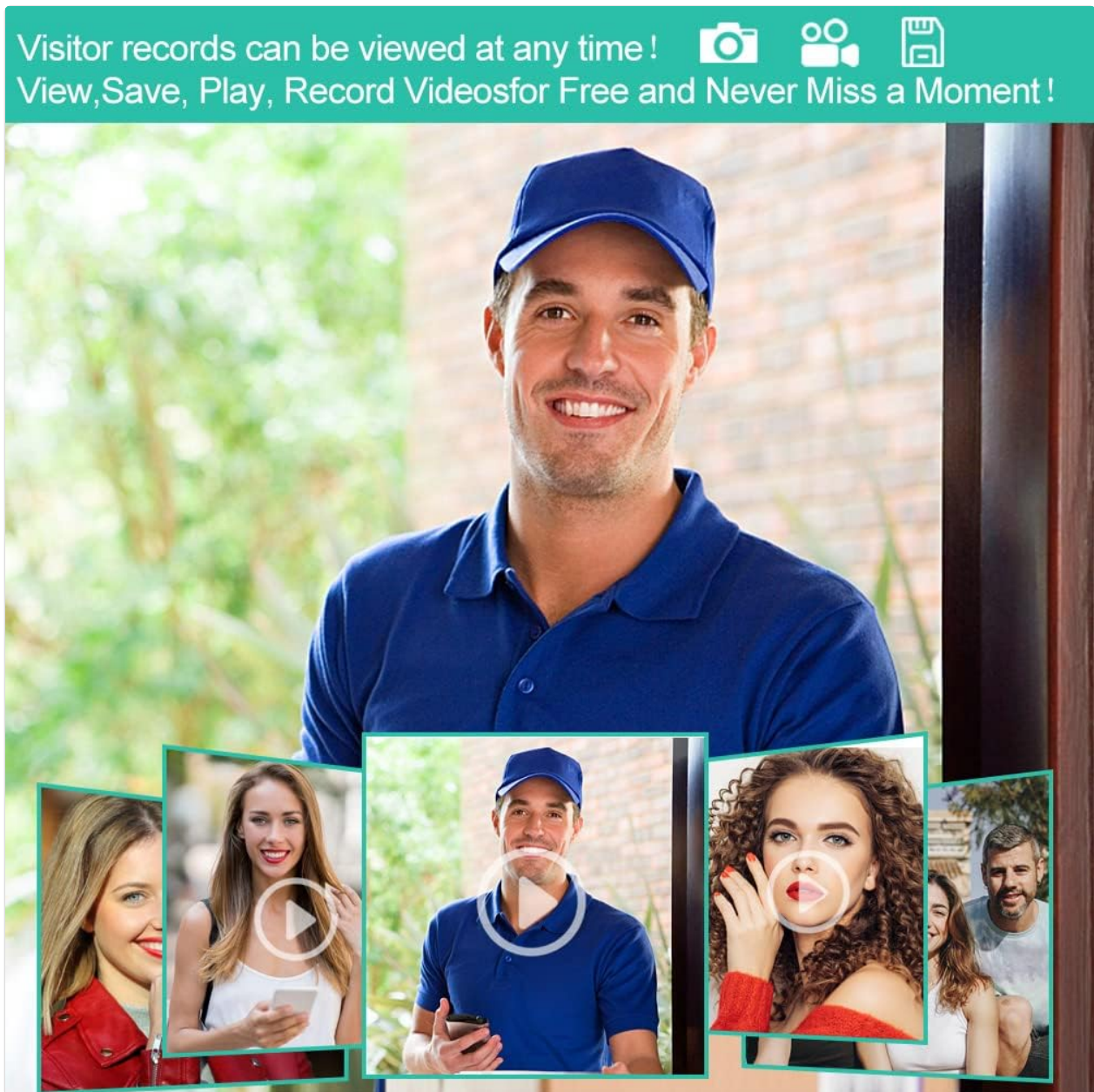


Figure 2: The 7-inch TFT-LCD display of the indoor monitor, showing the user interface with options for monitoring, transfer, settings, playback, at home mode, and lock control.

3.2 Outdoor Doorbell Unit

The outdoor unit is equipped with a 1080P HD camera, infrared night vision lamps, a call button, speaker,

digital keypad, and RFID card area. It is designed to be waterproof with an IP55 rating and operates in temperatures from -30°C to 60°C.



Figure 3: The outdoor doorbell unit, highlighting its components including the rain cover, infrared night vision lamp, HD camera, call button, speaker, digital keypad, and card area.

4. SETUP AND INSTALLATION

4.1 Wiring Diagram

The system uses a 4-wire connection for stability. Connect the outdoor unit, indoor unit, and electric lock (not included) according to the schematic diagram. Ensure all connections are secure before powering on the system.

Wiring Diagram

Schematic diagram of digital HD WiFi doorbell connection

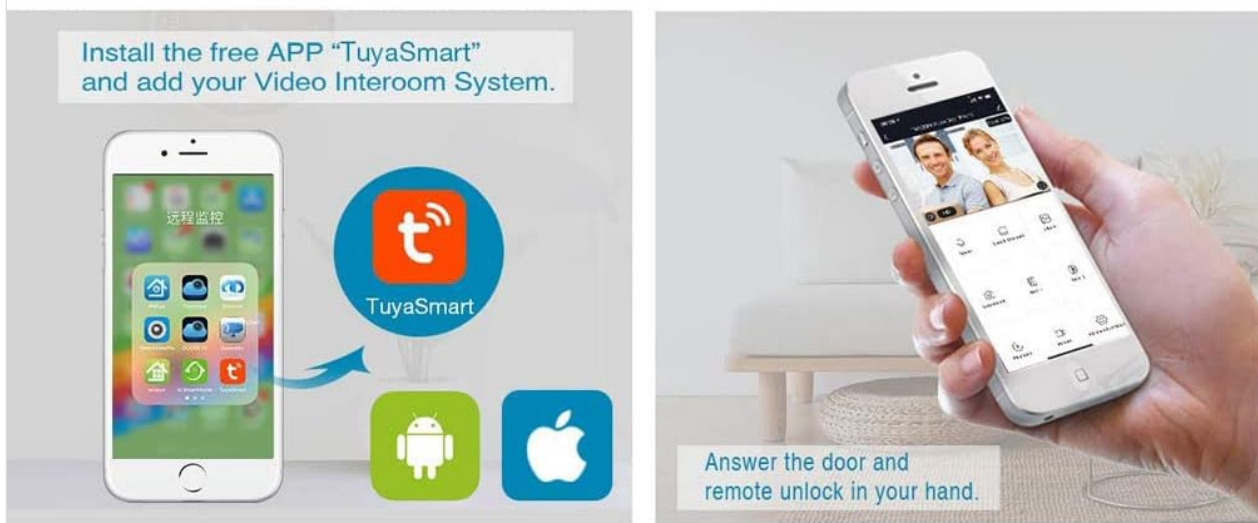


Figure 4: Schematic diagram illustrating the digital HD WiFi doorbell connection, showing the outdoor unit, indoor unit, electric lock, power supply, router, and app remote monitoring.

4.2 Power Connection and Initial Setup

Connect the power supply controller to the system. Once powered, the indoor unit will display the time. The system supports various unlocking methods and intercom functions.

Your browser does not support the video tag.

Video 1: This video demonstrates the connection of the power supply controller, showing how the outdoor unit calls, and how the indoor unit and mobile phone receive notifications simultaneously. It also illustrates mobile phone remote intercom, remote unlocking, magnetic lock, electric control lock, door exit button, RFID card unlocking, password unlocking, indoor unit intercom, and various system settings like language, outdoor unit settings, camera settings, network settings, playback function, scenario modes, and indoor unit control unlocking.

4.3 TuyaSmart App Setup

To enable remote monitoring and control, install the free TuyaSmart app on your smartphone. Follow the in-app instructions to add your video intercom system. This allows you to answer the door and remotely unlock it from anywhere.

Visitor records can be viewed at any time !

When visitors press the doorbell, the video intercom will automatically record videos or snapshots and save them on the additional micro SD card to protect your home every day.
(SD card must be purchased separately)

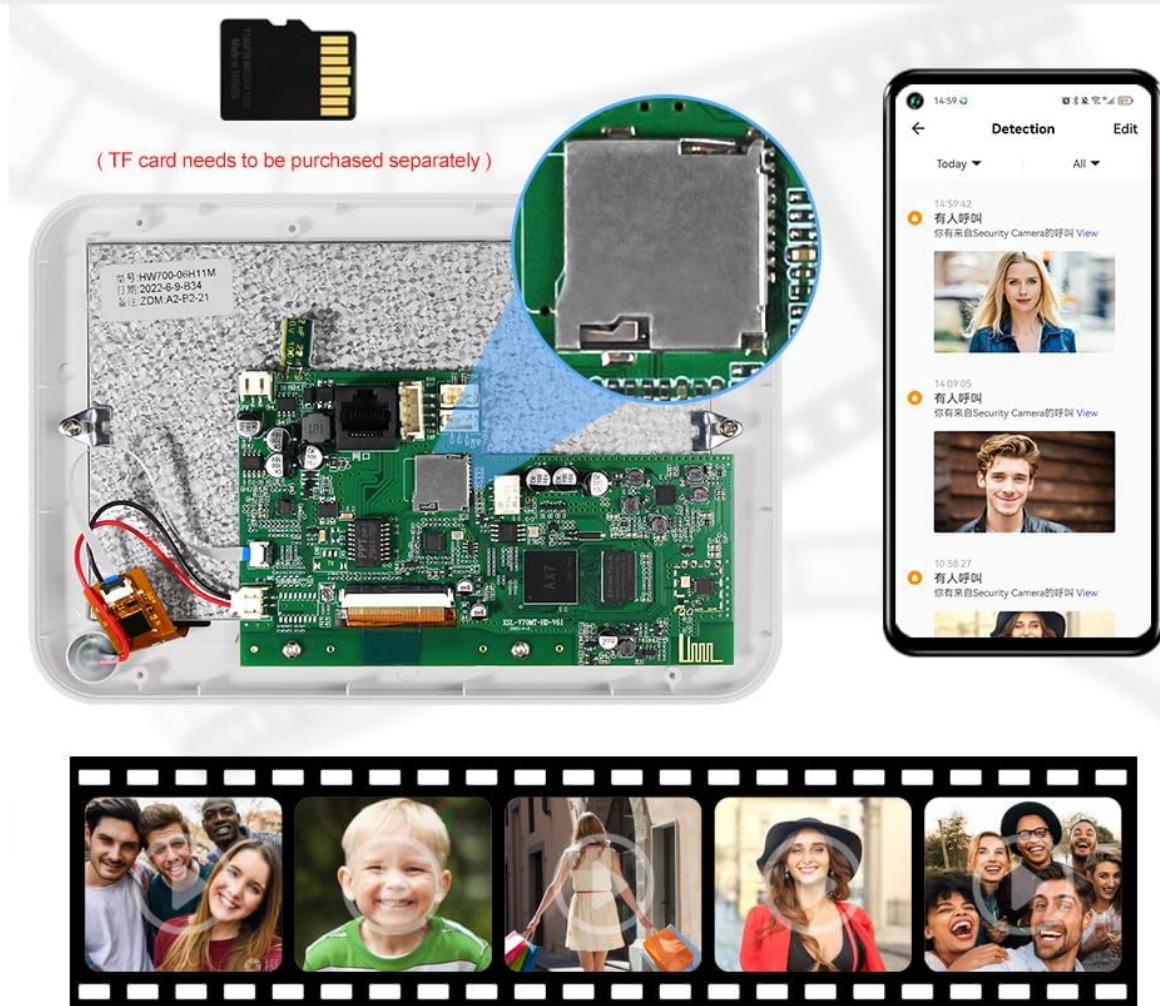


Figure 5: Steps to install the TuyaSmart app and connect it to your video intercom system for remote access and unlocking.

5. OPERATING INSTRUCTIONS

5.1 Answering Calls and Intercom

When a visitor presses the doorbell, both the indoor monitor and your smartphone (via TuyaSmart app) will receive a notification. You can then initiate a two-way audio and video conversation with the visitor.

Supports Two-Way Audio and APP Remote Unlock

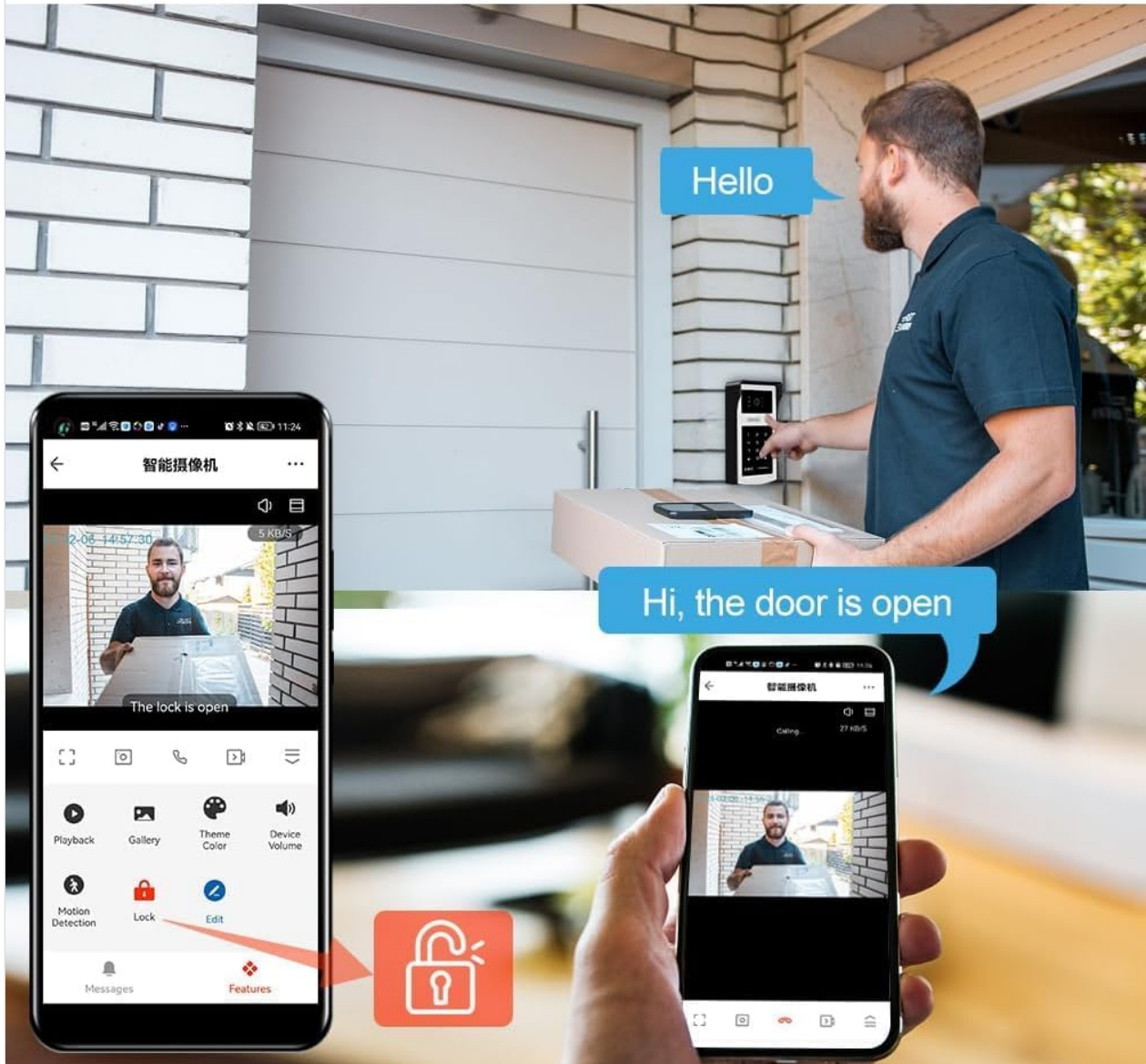


Figure 6: Demonstration of two-way audio communication between a visitor at the outdoor unit and a user via the indoor monitor or smartphone app, along with remote unlocking capability.

5.2 Unlocking Methods

The system offers multiple secure ways to unlock your door:

- **TuyaSmart App:** Remotely unlock the door from your smartphone.
- **Indoor Monitor:** Tap the unlock icon on the indoor monitor's touch screen.
- **RFID Cards:** Swipe a pre-programmed RFID card over the designated area on the outdoor unit.
- **Password:** Enter your security password on the outdoor unit's digital keypad.



Figure 7: Visual representation of the four available unlocking methods: via the Tuya Smart APP, directly from the monitor, using RFID cards, and entering a password on the outdoor unit.

5.3 Monitoring and Recording

The system supports active monitoring, allowing you to view the outdoor camera feed at any time. When visitors press the doorbell or motion detection is activated, the doorbell camera will automatically record videos or snapshots. These recordings are saved to an additional Micro SD card (not included) to protect your home.

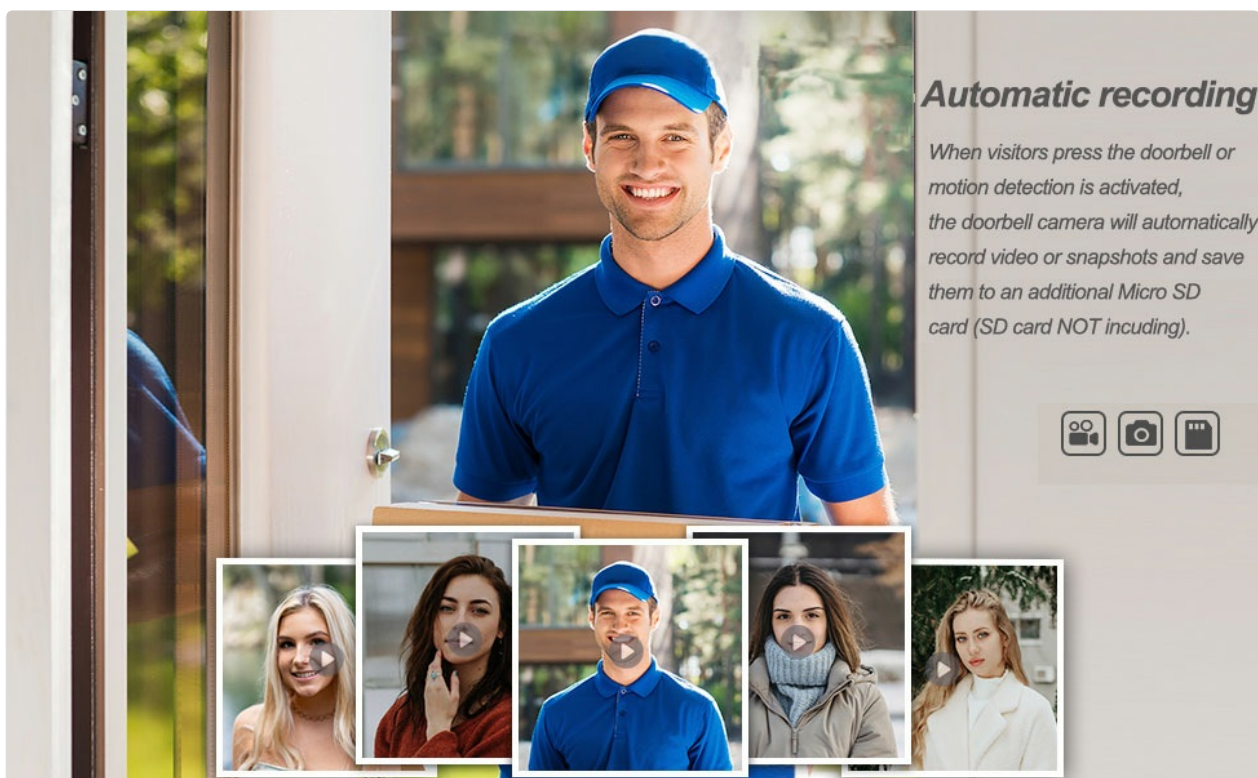


Figure 8: The system automatically records videos or snapshots when visitors press the doorbell or motion is detected, saving them to an SD card for later review.

5.4 Night Vision

The 1080P camera features built-in IR lights and an intelligent IR-Cut switch. This allows the video camera to automatically switch between day and night modes based on light changes, providing high-quality images even in low-light conditions.



Figure 9: The 1080P HD camera provides clear visuals, enhanced by IR LED night vision for visibility in dark conditions.

6. ADVANCED SETTINGS

The indoor monitor provides access to various system settings to customize your intercom experience:

- **Language Selection:** Choose from 7 different languages for the monitor interface.
- **Unlock Delay:** Adjust the duration for which the door remains unlocked after activation.
- **Motion Detection:** Enable or disable motion detection for the outdoor unit.
- **Network Settings:** Configure Wi-Fi connectivity and view network status.
- **Camera Settings:** Manage connected cameras and their configurations.
- **Playback Function:** Review recorded calls and motion events.
- **Scenario Modes:** Select from different operational modes (e.g., At Home, Away).

Refer to Video 1 for a demonstration of navigating through these settings.

7. MAINTENANCE

To ensure optimal performance and longevity of your OBO HANDS Video Door Phone Intercom System, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the indoor monitor screen and outdoor unit camera lens with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Firmware Updates:** Check for and install any available firmware updates for the system to ensure you have the latest features and security enhancements.
- **Cable Inspection:** Periodically inspect all wiring for any signs of wear or damage. Ensure connections remain secure.
- **Outdoor Unit Protection:** While the outdoor unit is waterproof (IP55), ensure its rain cover is properly positioned to provide maximum protection from harsh weather conditions.

8. TROUBLESHOOTING

If you encounter issues with your intercom system, try the following troubleshooting steps:

- **No Power:** Ensure the power adapter is securely plugged into both the monitor and a working power outlet. Check the circuit breaker.
- **No Video/Audio:** Verify all wiring connections between the outdoor unit and indoor monitor are correct

and secure. Restart both units.

- **App Connectivity Issues:** Ensure your indoor monitor is connected to a stable Wi-Fi network. Check your router and internet connection. Restart the TuyaSmart app and the indoor monitor.
- **Door Not Unlocking:** Check the wiring to the electric lock. Ensure the unlock delay setting is appropriate. Verify RFID cards or passwords are correctly programmed.
- **Poor Night Vision:** Ensure the camera lens is clean and free from obstructions.
- **System Unresponsive:** Try restarting the indoor monitor by disconnecting and reconnecting its power.

If problems persist after attempting these steps, please contact customer support.

9. SPECIFICATIONS

Feature	Specification
Brand	OBO HANDS
Model	B0BV29W6HM
Power Source	Corded Electric
Connectivity Protocol	Wi-Fi
Controller Type	Touch Screen (Monitor), Keypad (Outdoor Unit)
Mounting Type	Wall Mount
Video Capture Resolution	1080p, 720p
Number of Channels	2 (Audio)
Wireless Communication Technology	Wi-Fi
Effective Video Resolution	1080 Pixels
Wattage	10 watts
Item Dimensions (L x W x H)	9.06 x 6.69 x 2.36 inches
Item Weight	2.81 pounds (1.28 Kilograms)
Low Light Technology	Night Color (IR Night Vision)
Alert Type	Motion Only
Indoor/Outdoor Usage	Indoor, Outdoor
Compatible Devices	Smartphone
International Protection Rating	IP54

10. WARRANTY AND SUPPORT

OBO HANDS products undergo rigorous quality testing to ensure reliability, durability, and compliance with industry standards.

Customer Support:

For any questions or concerns regarding your product, please contact our support team:

- **WhatsApp:** +86 177 2255 8183
- **Availability:** Monday - Sunday, 24/7

We are committed to providing high-quality products and excellent customer service.