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› [ANJIELO SMART Wired Video Apartment Doorbell Intercom System \(18-Family, 7-inch Monitor\) User Manual](#)

ANJIELO SMART 66024-6+67010B

ANJIELO SMART Wired Video Apartment Doorbell Intercom System User Manual

Model: 66024-6+67010B

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ANJIELO SMART Wired Video Apartment Doorbell Intercom System. This system is designed for multi-unit residential buildings, offering secure and convenient communication and access control. It features a 7-inch touch monitor, a 1080P doorbell with two-way audio, motion detection, and supports multiple unlocking methods. The system ensures stable performance through wired connections between the indoor monitor and outdoor doorbell, with additional WiFi support for the monitor via the Tuya app for remote functionality.

2. SAFETY INFORMATION

- Read all instructions thoroughly before attempting installation or operation.
- Ensure all power connections are correctly made and secured to prevent electrical hazards.
- Do not expose the indoor monitor to excessive moisture or extreme temperatures.
- Do not attempt to disassemble or repair the device yourself. Refer all servicing to qualified personnel.
- Keep the product away from strong magnetic fields.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Indoor Monitor (7-inch TFT Touch Screen)
- Outdoor Doorbell Unit
- 32GB Micro SD Card
- User Manual
- Installation Accessories (screws, cables, etc.)

4. PRODUCT OVERVIEW

The ANJIELO SMART Intercom System offers advanced features for multi-unit residential security:

- **Multi-Unit Design:** Supports configurations for 6, 12, 18, or 24 units, with each apartment having a dedicated indoor monitor for independent access and communication.
- **Durable Construction:** The outdoor doorbell is crafted from aluminum alloy with an IP65 rating, providing protection against dust and water ingress.
- **Enhanced Security:** Features 3-in-1 unlocking options (ID card, mobile app, monitor screen). Automatic video recording to the included 32GB Micro SD card is triggered by motion detection.
- **High-Definition Video:** Equipped with a 1080p HD camera, infrared night vision, and a 140° wide-angle lens for clear and broad surveillance.
- **Flexible Viewing Options:** Monitor activity directly via the indoor monitor, remotely through the Tuya smartphone app, or via a computer by logging into your Tuya account.
- **7-inch Touch Monitor:** A sleek TFT touch screen allows for seamless door answering, monitoring, and unlocking. It supports two-way audio for hands-free communication.

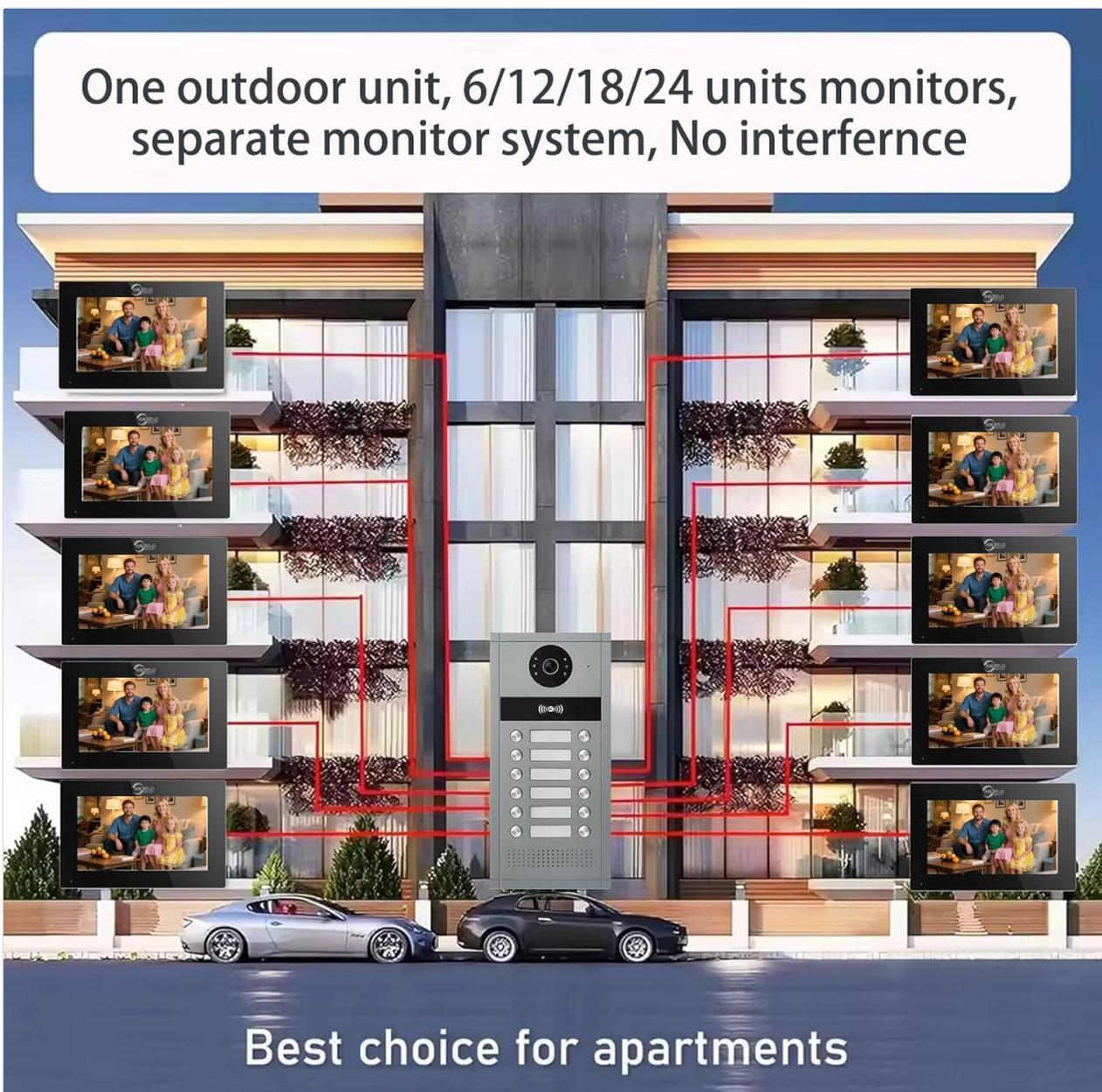


Figure 4.1: System overview for multi-unit apartment buildings, showing one outdoor unit connected to multiple indoor monitors without interference.

TWO WAY AUDIO

Speak directly to anyone who approaches your front door



Figure 4.2: Illustration of the two-way audio feature, allowing direct communication with visitors at the front door.

5. SETUP AND INSTALLATION

5.1 Installation Type

- **Outdoor Doorbell:** Designed for flush mounting.
- **Indoor Monitor:** Designed for surface mounting.

5.2 Wiring and Power

1. Connect the outdoor doorbell unit to the indoor monitor using the provided 4-wire cable. A 5-meter cable is included for flexible connectivity.
2. Ensure all wiring connections are secure and correctly aligned according to the wiring diagram (refer to the separate wiring diagram provided in the package).
3. Connect the indoor monitor to a standard AC 100-240V 50/60Hz power outlet. The system operates on DC 12V, 2A.
4. Once wired, power on the system.

5.3 Tuya App Setup (for WiFi functionality)

1. Download the Smart Tuya app from your smartphone's app store.
2. Register or log in to your Tuya account.
3. On the indoor monitor, navigate to the WiFi settings and connect it to your local 2.4GHz WiFi network.
4. Follow the in-app instructions to add your ANJIELO SMART intercom system to your Tuya account. This will enable remote monitoring, unlocking, and video review via your smartphone.

6. OPERATING INSTRUCTIONS

6.1 Basic Functions

- **Answering Calls:** When a visitor presses the doorbell, the indoor monitor will ring. Touch the 'Answer' icon on the screen to establish two-way communication.
- **Monitoring:** Touch the 'Monitoring' icon on the indoor monitor to view the live feed from the outdoor doorbell camera at any time.
- **Unlocking:** During a call or monitoring, touch the 'Unlock' icon on the monitor screen to remotely open the connected door lock. Unlocking is also possible via ID card or the mobile app.
- **Two-Way Communication:** Speak directly with visitors through the built-in speaker and microphone on both the indoor monitor and outdoor doorbell.

6.2 Advanced Features

- **Automatic Video Recording:** The system automatically records video footage to the 32GB Micro SD card when motion is detected by the outdoor doorbell camera.
- **Remote Access (via Tuya App):**
 - Receive call notifications on your smartphone when the doorbell is pressed.
 - View live video feed from the outdoor camera.
 - Communicate with visitors remotely.
 - Remotely unlock the door.
 - Review recorded motion detection videos.
- **Monitor Settings:** Access the 'Setting' menu on the indoor monitor to adjust ringtones (7-chord melody rings), volume, display color, and other system preferences.



Figure 6.1: Indoor monitor interface and call handling options.

7. MAINTENANCE

- **Cleaning:** Use a soft, slightly damp cloth to clean the surfaces of the indoor monitor and outdoor doorbell. Do not use abrasive cleaners, solvents, or chemical sprays.
- **Weather Protection:** The outdoor doorbell has an IP65 rating, providing protection against dust and water. Ensure the rain cover is properly installed.
- **Cable Connections:** Periodically check all wired connections to ensure they are secure and free from damage.
- **SD Card Management:** Regularly review and manage recordings on the 32GB Micro SD card. Format the card periodically to maintain optimal performance.

8. TROUBLESHOOTING

- **No Video/Audio:**
 - Check all 4-wire connections between the outdoor doorbell and indoor monitor.
 - Ensure the indoor monitor is properly powered.
 - Verify that the outdoor doorbell camera lens is clean and unobstructed.
- **App Connectivity Issues:**

- Ensure the indoor monitor is connected to a 2.4GHz WiFi network.
 - Check your home router for internet connectivity.
 - Restart the indoor monitor and your smartphone.
 - Re-link the device in the Tuya app if necessary.
- **Motion Detection Not Recording:**
 - Verify that the 32GB Micro SD card is correctly inserted and not full.
 - Check motion detection settings on the indoor monitor or via the Tuya app.
 - Ensure the camera lens is clean.
- **Poor Video Quality:**
 - Clean the camera lens on the outdoor doorbell.
 - Ensure sufficient lighting for optimal image clarity.

9. SPECIFICATIONS

9.1 Outdoor Doorbell

- **Camera Sensor:** 2.0MP, 1/4-inch CMOS
- **Lens:** 3.6 mm
- **Field of View:** 120 degrees
- **Weatherproof Rating:** IP65
- **Night Vision:** 3m infrared night vision
- **Dimensions:** 270mm x 125mm x 45mm
- **Material:** Aluminium alloy
- **Power Supply:** Supplied by indoor monitor
- **Operating Temperature:** -30°C to 60°C
- **Installation:** Flush mounting

9.2 Indoor Touch Monitor (7-inch)

- **Screen:** 7-inch TFT-LCD touch screen
- **Resolution:** 1024 x 680
- **Rings:** 7-chord melody rings (adjustable)
- **Connection Way:** 4-wires (to doorbell), WIFI (Tuya solution)
- **Panel Material:** Acrylic/ABS cover
- **Installation:** Surface mounting
- **Input Voltage:** AC 100-240V 50/60Hz
- **Working Voltage:** DC 12V, 2A
- **Size:** 198mm x 130mm x 21mm

9.3 General System Specifications

- **Model Number:** 66024-6+67010B
- **Compatible Devices:** Smartphone

- **Power Source:** Corded Electric
- **Video Capture Resolution:** 1080p
- **Control Method:** App, Touch
- **Alert Type:** Audio and Motion
- **Connectivity Technology:** Wired (doorbell to monitor), Wireless (monitor to app via WiFi)
- **Special Feature:** Motion Sensor

Product Size

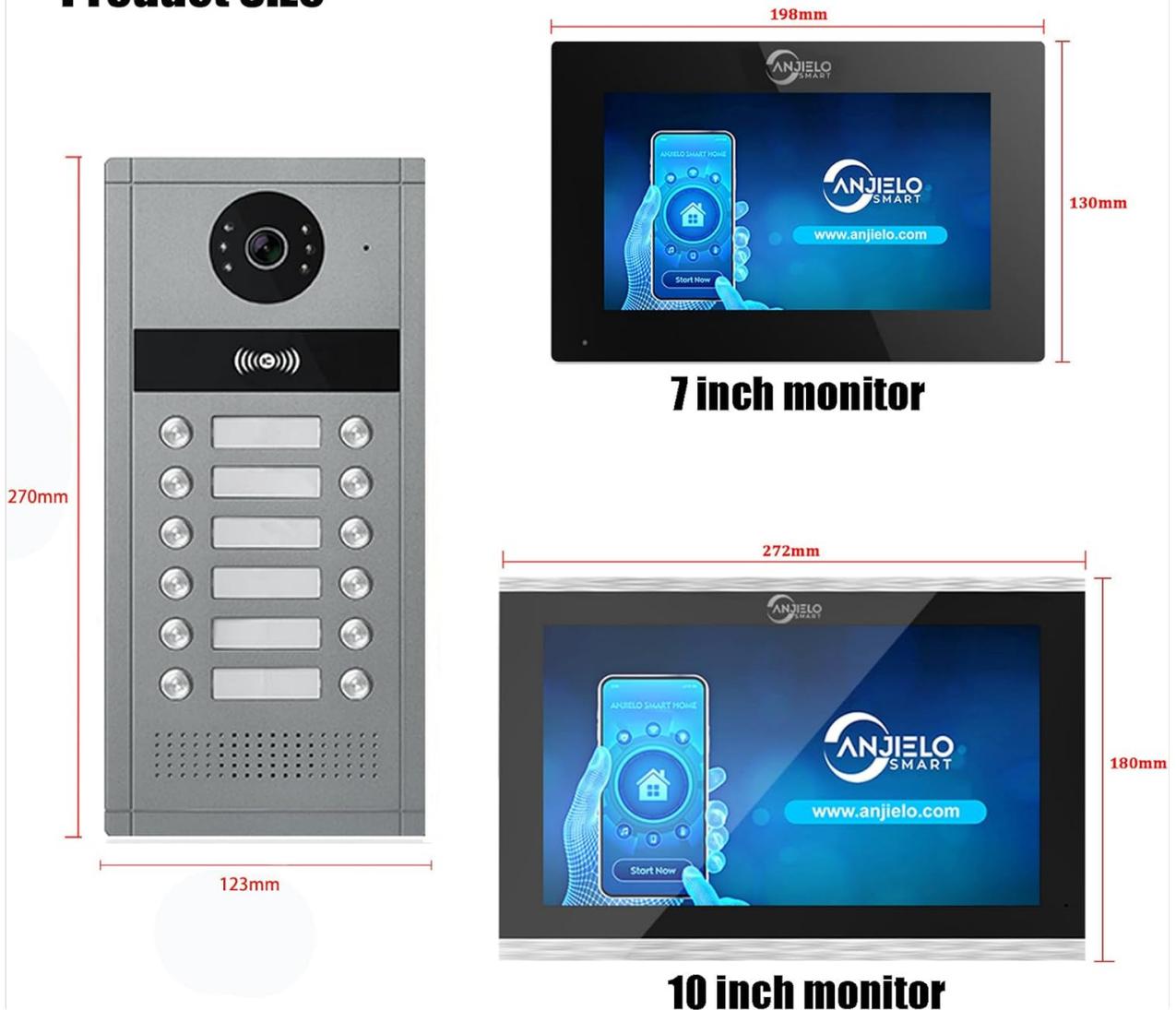


Figure 9.1: Product dimensions for the outdoor doorbell and indoor monitors.

10. WARRANTY AND SUPPORT

For technical assistance, warranty claims, or any product-related inquiries, please contact ANJIELO SMART customer service. Refer to the product packaging or the ANJIELO SMART official website for specific contact details and warranty terms applicable to your region.