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ANJIELO SMART 60120HD-60075F-W

ANJIELO SMART 1080P Video Intercom System User Manual

Model: 60120HD-60075F-W

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1. PRODUCT OVERVIEW

The ANJIELO SMART 1080P Video Intercom System is designed for multi-unit buildings, supporting 2 to 12 apartments. This system provides secure communication and access control with a 7-inch touchscreen monitor, motion detection, two-way talk, and Tuya App integration. It ensures privacy for each unit and offers robust outdoor durability.

Key Features:

- **Scalable & Private System:** Supports 2 to 12 units with independent monitoring for each apartment.
- **All-Weather Durability:** Outdoor doorbell crafted from aluminum alloy with an IP65 rating.
- **Multiple Unlocking Methods:** Unlock via ID card, Smart Tuya App, or indoor monitor.
- **Automatic Recording:** Built-in motion detection captures and records video to a 32GB microSD card.
- **Modern 7-Inch Touchscreen Monitor:** Manage calls, monitor, and unlock doors with a sleek TFT touchscreen.
- **1080P HD Camera:** Wide-angle lens with enhanced IR night vision for clear day and night viewing.
- **Two-Way Audio:** Hands-free intercom for clear communication with visitors.
- **Tuya App Integration:** Connects wirelessly to the Smart Tuya App via Wi-Fi for remote control.

One outdoor unit and 2-12 indoor units with an independent monitoring system, ensuring no interference between them.

The best choice for apartments.

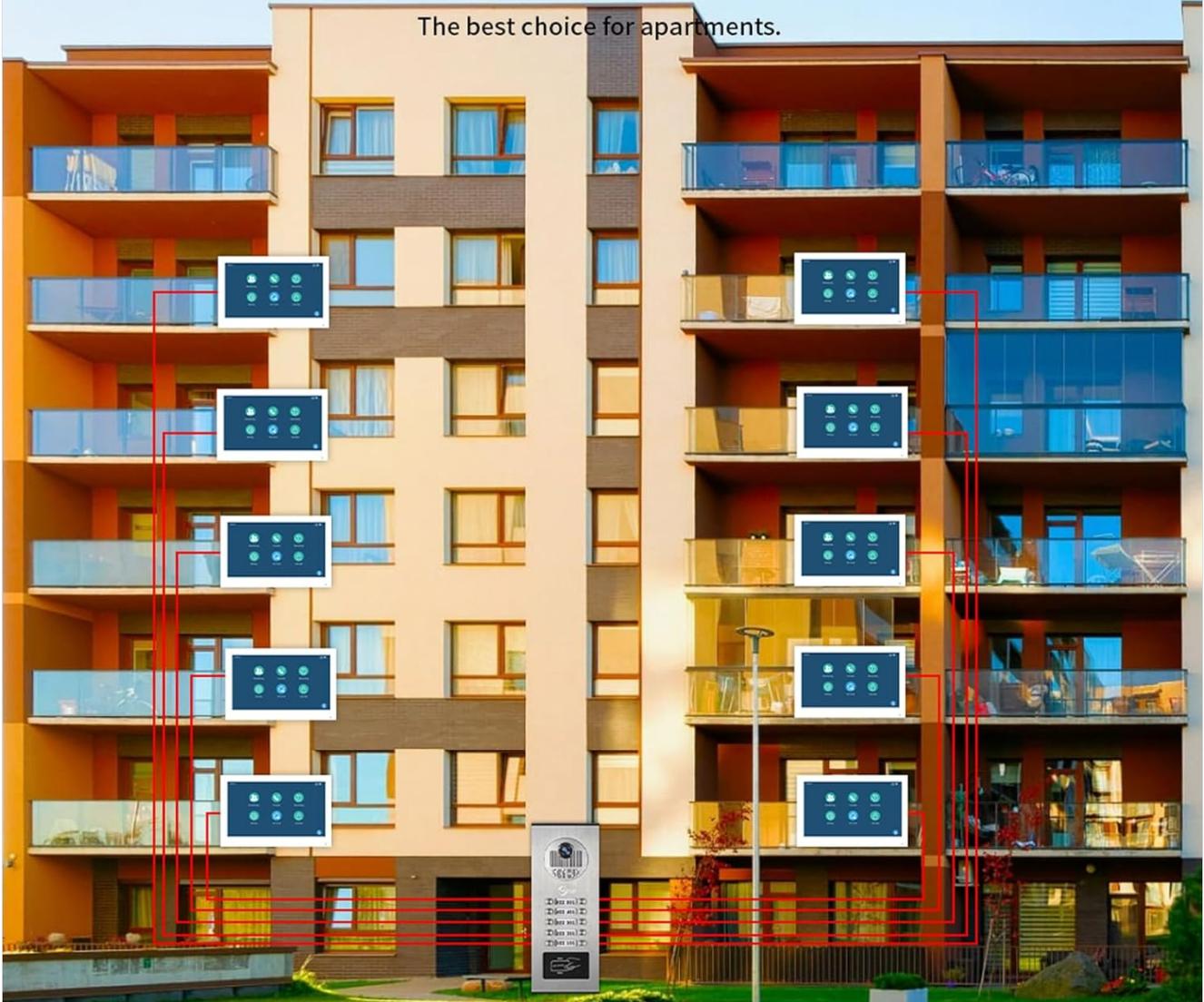


Figure 1.1: System overview for multi-unit buildings, illustrating one outdoor unit serving multiple indoor monitors independently.

2. SETUP AND INSTALLATION

2.1 Package Contents

Before beginning installation, ensure all components are present:

- Outdoor Doorbell Unit
- Indoor Monitor(s) (quantity varies by system configuration)
- Power Adapter(s) (DC 12V, 2A for each monitor)
- 3-meter connection cable
- Mounting Screws and Anchors
- ID Cards (for unlocking)
- User Manual (this document)

2.2 Installation Guidelines

1. **Mounting the Outdoor Unit:** The outdoor unit is designed for surface mounting. Choose a location that provides a clear view of visitors and is protected from direct impact. Ensure the unit is installed at an appropriate height for all users.
2. **Mounting the Indoor Monitor(s):** Install indoor monitors in a convenient location within each apartment. They are also designed for surface mounting.
3. **Wiring Connection:**
 - The indoor monitor and doorbell require a wired connection. Use the provided 4-wire cable to connect the outdoor doorbell unit to each indoor monitor.
 - Each indoor monitor must be connected to its dedicated 12V 2A power supply.
 - The system supports extending the doorbell and camera with additional wiring, but be aware of distance limitations between the screen and doorbell for optimal performance.
 - The monitor connects to your Wi-Fi network for Tuya App functionality, but the primary connection between the doorbell and monitor is wired for stability.
4. **Power Connection:** Connect the power adapters to each indoor monitor and plug them into a standard AC 100-240V 50/60Hz power outlet.
5. **Initial Power On:** Once all connections are secure, power on the system. The indoor monitor should display the initial setup screen.

Wiring diagram

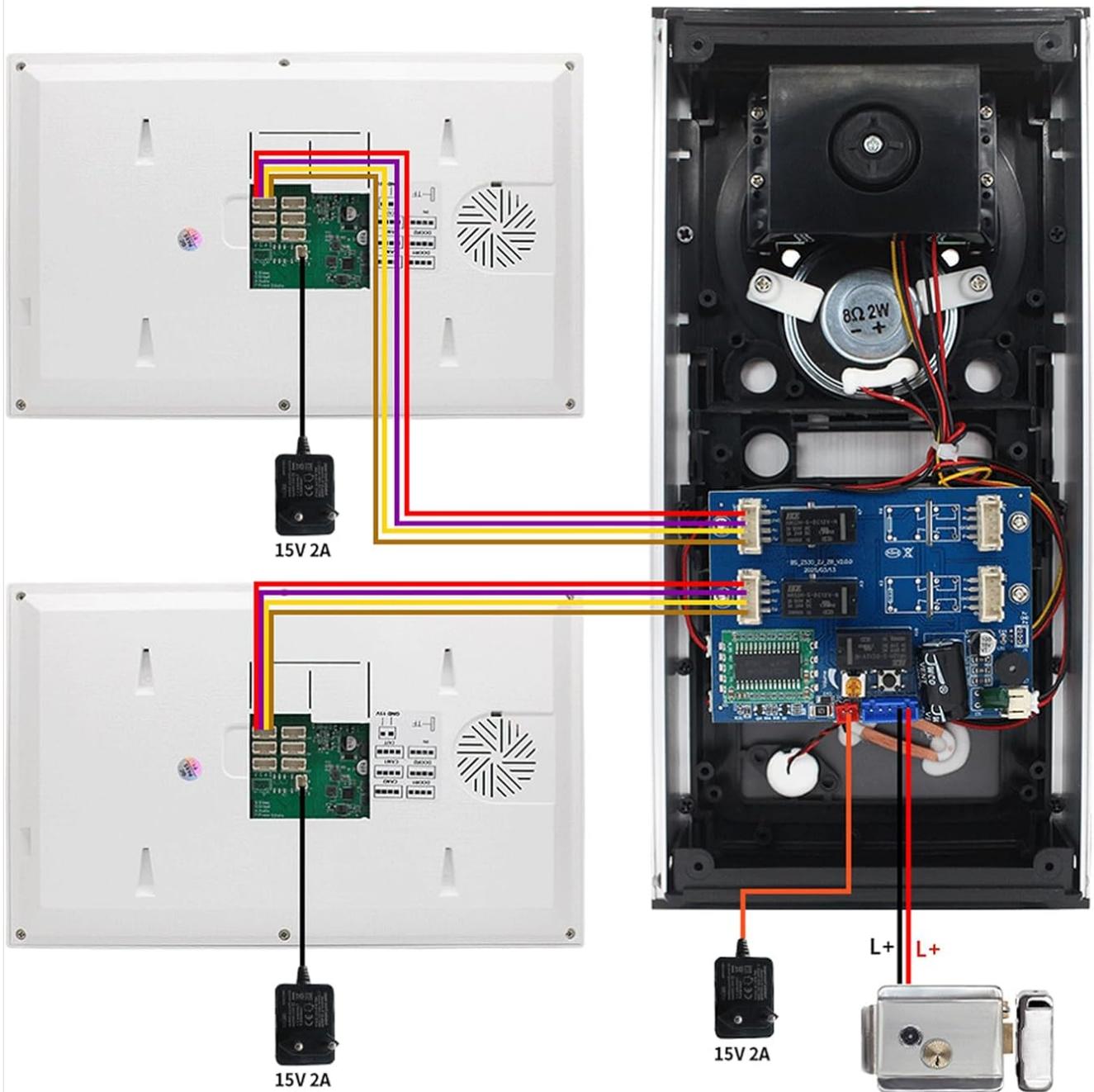


Figure 2.1: Detailed wiring diagram for connecting indoor monitors, the outdoor doorbell, power supplies, and an optional electronic lock.

3. OPERATING INSTRUCTIONS

3.1 Indoor Monitor Functions

The 7-inch TFT-LCD touchscreen monitor is the central control unit for your intercom system.

- **Answering Calls:** When a visitor presses the doorbell, the indoor monitor will ring. Touch the screen to answer and initiate two-way communication.
- **Monitoring:** You can manually view the outdoor camera feed at any time by selecting the monitoring function on the screen.
- **Unlocking Doors:** During a call or while monitoring, an unlock icon will appear on the screen. Tap it to remotely

unlock the connected door.

- **Volume and Color Adjustment:** Navigate through the monitor settings to adjust ringtone volume, display color, and other preferences.

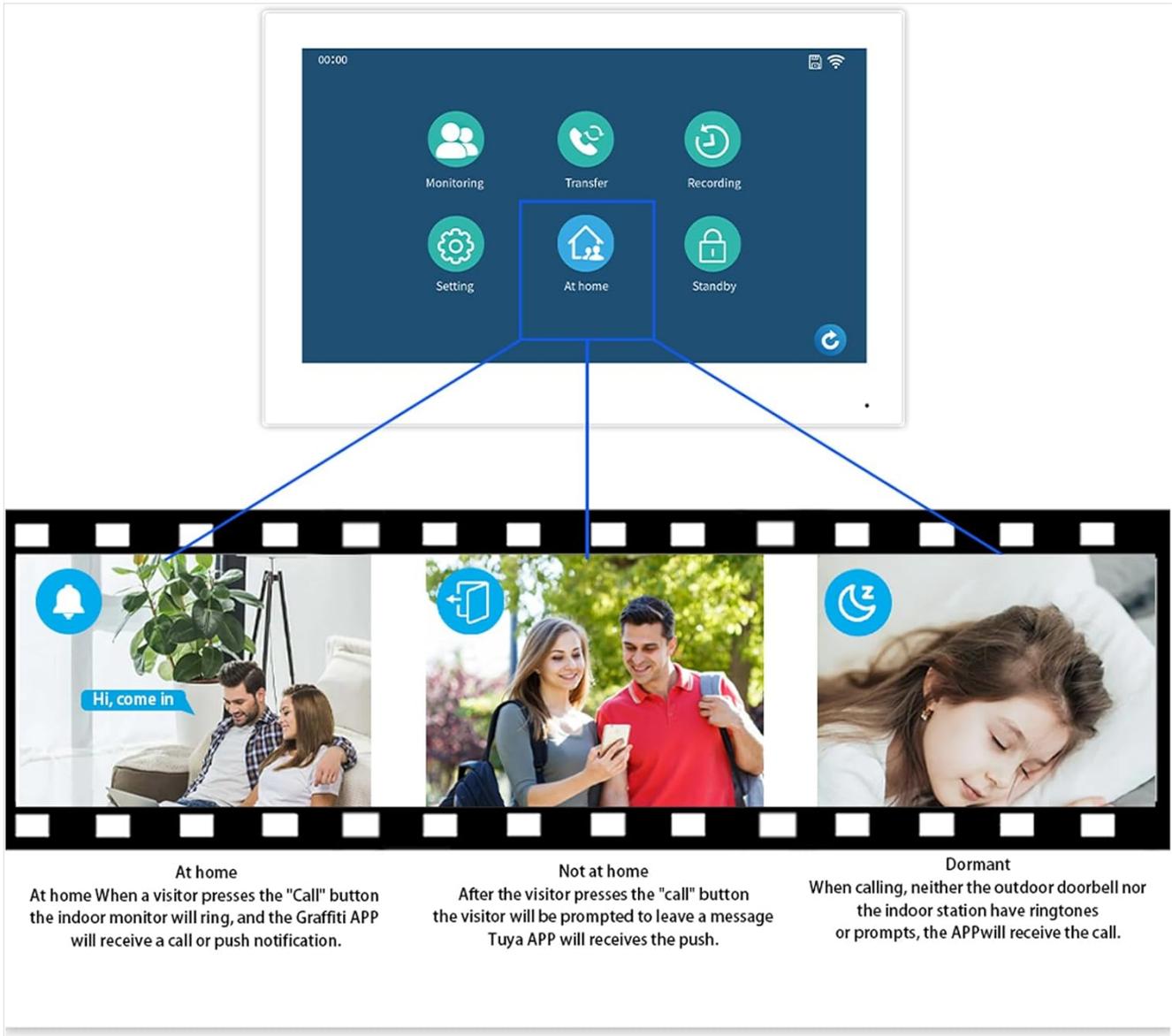


Figure 3.1: Indoor monitor interface and notification modes (At home, Not at home, Dormant).

3.2 Two-Way Talk

The system supports hands-free two-way audio communication. When a visitor rings the doorbell, you can see, speak, and hear them directly through the indoor monitor.

Two Way Audio & 4-Wire Connect

See, speak and hear from visitor

Diana, are you at home?



Yes, come in please

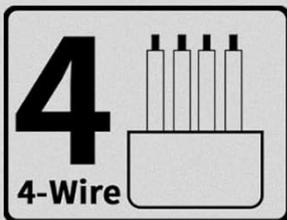


Figure 3.2: Demonstrating two-way audio communication via the indoor monitor.

3.3 Motion Detection and Auto-Recording

The outdoor unit features smart PIR motion detection. When movement is detected, the system will automatically capture video or photos and save them to the included 32GB microSD card. You will receive notifications on your smartphone via the Tuya App.

Smart PIR Motion Detection

Motion sensors will notify you when movement is detected



Figure 3.3: Motion detection triggering a notification on the Tuya Smart app.

Motion detection will take video or take photo



Figure 3.4: Motion detection automatically recording video or taking photos.

3.4 Tuya App Remote Control

Connect your indoor monitor to your Wi-Fi network to enable remote control via the Smart Tuya App. This allows you to:

- Receive calls and notifications from the doorbell on your smartphone.
- View live video from the outdoor camera.
- Engage in two-way talk with visitors remotely.
- Remotely unlock the door from anywhere.
- Review recorded motion detection footage.

Tuya APP Remote Control and Unlock

Just connect to the Tuya App and you can unlock the door from your phone, no matter when or where you are!



Remote Unlock

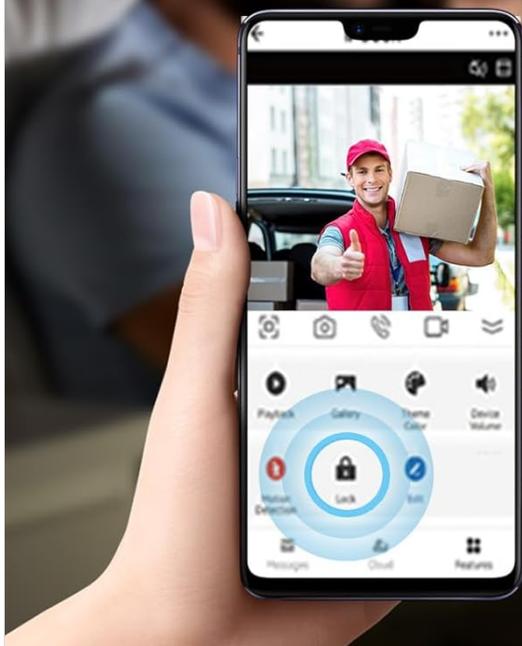


Figure 3.5: Remote unlocking via the Tuya App.

Unlock the door via APP

Your phone will receive the message when visitors press the video doorbell, you can see, hear and speak to anyone at your door, even remote unlock via the mobile phone APP.

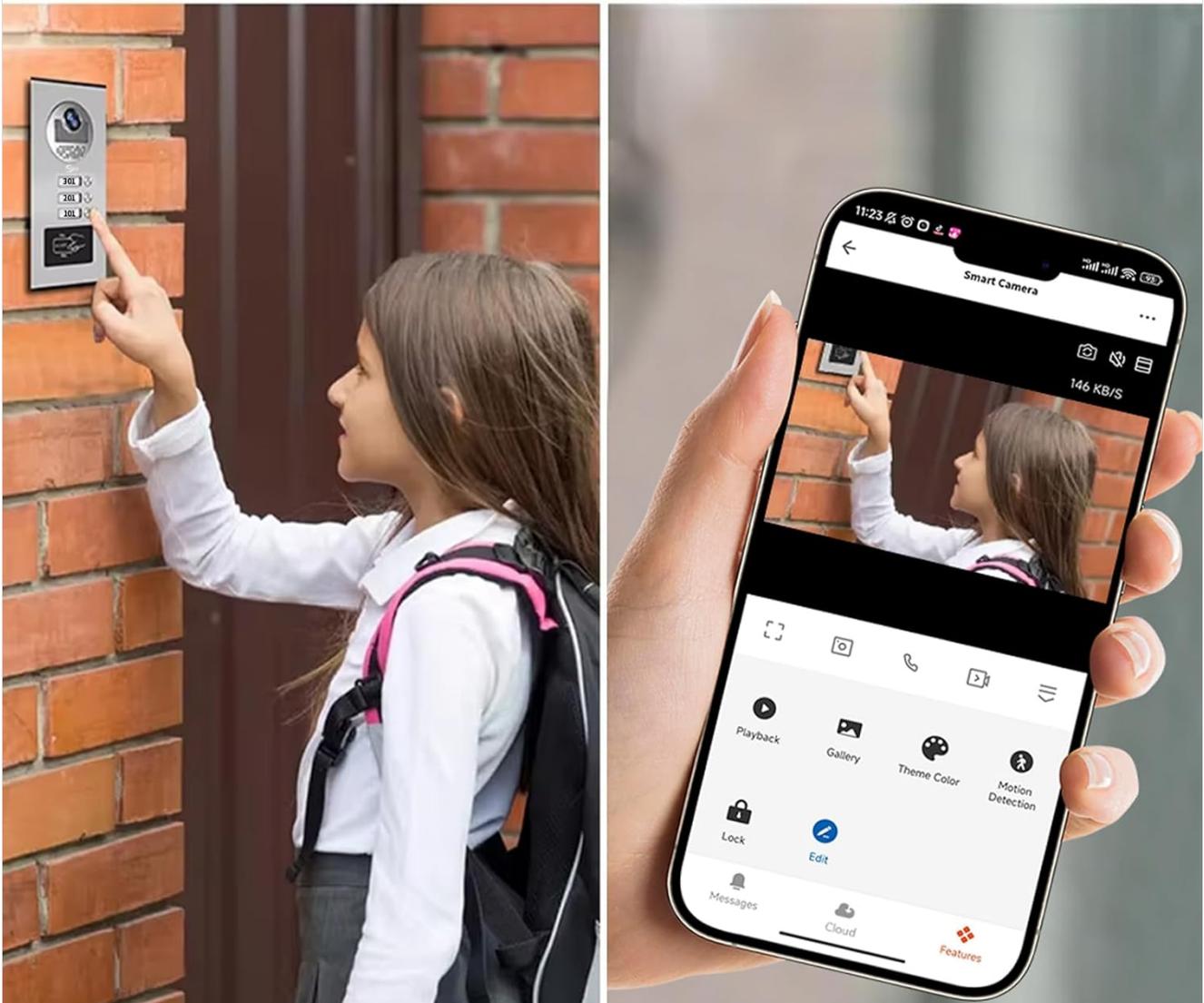


Figure 3.6: Receiving doorbell calls and unlocking via the mobile phone app.

3.5 ID Card Unlocking

The outdoor unit supports ID card swiping for convenient access. Present a registered ID card to the designated area on the outdoor unit to unlock the door. The system can store up to 500 ID cards with a frequency of 13.56MHZ and a card reading time of 1 second.

4. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your intercom system.

- **Cleaning:** Use a soft, damp cloth to clean the outdoor unit and indoor monitor screens. Avoid abrasive cleaners or solvents that could damage surfaces.
- **Firmware Updates:** Periodically check the manufacturer's website or the Tuya App for any available firmware updates to ensure your system has the latest features and security enhancements.
- **Cable Inspection:** Regularly inspect all wired connections for any signs of wear, damage, or loose connections.
- **Power Supply:** Ensure all power adapters are securely connected and functioning correctly.
- **MicroSD Card:** Periodically review and manage recordings on the microSD card. Replace the card if it shows signs of

degradation or if storage capacity becomes an issue.

5. TROUBLESHOOTING

If you encounter issues with your ANJIELO SMART intercom system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image or sound on indoor monitor.	Loose wiring connection between doorbell and monitor, no power to monitor.	Check all 4-wire connections. Ensure the monitor's 12V 2A power adapter is securely plugged in and receiving power.
Wi-Fi connection issues for Tuya App.	Incorrect Wi-Fi password, weak signal, monitor not connected to Wi-Fi.	Ensure the indoor monitor is within Wi-Fi range. Verify Wi-Fi password in monitor settings. Remember, the doorbell-monitor connection is wired, only the monitor connects to Wi-Fi.
Motion detection not recording or notifying.	Motion detection disabled, microSD card full or faulty, app notifications off.	Check motion detection settings on the monitor and in the Tuya App. Ensure the 32GB microSD card is properly inserted and has free space. Enable notifications in the Tuya App settings.
Door unlocking not working.	Electronic lock not properly connected, ID card not registered, app not connected.	Verify the connection to the electronic lock. Ensure ID cards are correctly registered. Check Tuya App connectivity for remote unlocking.
Poor night vision quality.	Obstruction in front of camera, IR sensors blocked.	Clear any obstructions from the outdoor camera lens and IR sensors.

6. PRODUCT SPECIFICATIONS

Outdoor Doorbell Unit:

- **Camera Sensor:** 2.0MP, 1/4" CMOS, 3.6MM Lens
- **View Angle:** 120 degrees wide angle
- **Rainproof & Night Vision:** IP65 rated, 3M night vision distance (Infrared night vision)
- **Night Vision Sensitivity:** 0.01Lux
- **Power Supply:** Supplied from indoor monitor
- **Installation:** Surface Mount
- **Working Temperature:** -30°C to 60°C
- **Material:** Aluminum alloy
- **Signal Type:** CVBS/AHD720/AHD1080
- **Unlocking Type:** Indoor unit unlocking / ID card swiping
- **Number of ID Cards:** 500 sheets
- **ID Card Frequency:** 13.56MHZ
- **Card Reading Time:** 1 second
- **Dimensions (2-6 units):** 264x127x43mm
- **Dimensions (8-12 units):** 330x127x43mm

Indoor Touch Monitor:

- **Screen:** 7-inch TFT-LCD touch screen
- **Resolution:** 1024 x 680
- **Ringtone:** 7-chord melody rings
- **Adjustable:** Volume, color
- **Connection Way:** 4-wires, WIFI Tuya solution
- **Panel Material:** Acrylic/ABS cover
- **Installation:** Surface mounting
- **Input Voltage:** AC 100-240V 50/60Hz
- **Working Voltage:** DC 12V, 2A
- **Dimensions (7 inch):** 176x115x21 mm

General System Specifications:

- **Model Name:** 60120HD-60075F-W
- **ASIN:** B0G46WYVVG
- **Power Source:** Corded Electric
- **Video Capture Resolution:** 1080p
- **Included Components:** Doorbell, Monitor
- **Installation Type:** Screw In
- **Control Method:** App, Touch
- **Connectivity Technology:** Wired (between doorbell and monitor), Wi-Fi (for monitor to app)
- **Compatible Devices:** Smartphone (via Tuya App)
- **Product Dimensions:** 8 x 5 x 1 inches (for the 12-family variant)

7. WARRANTY INFORMATION

ANJIELO SMART products are manufactured to high quality standards. For specific warranty details regarding your 1080P Video Intercom System, please refer to the warranty card included in your product packaging or visit the official ANJIELO SMART website. Typically, warranty coverage addresses manufacturing defects under normal use conditions. Please retain your proof of purchase for any warranty claims.

8. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or further inquiries regarding your ANJIELO SMART 1080P Video Intercom System, please contact our customer support team.

- **Online Support:** Visit the official [ANJIELO SMART Store on Amazon](#) for FAQs and product information.
- **Email Support:** Refer to your product packaging or the official website for the most current email contact information.

When contacting support, please have your product model number (**60120HD-60075F-W**) and purchase details ready.