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> ANJIELO SMART Tuya Smart Video Intercom System (Model 87202S-87721) User Manual

ANJIELO SMART 87202S-87721

ANJIELO SMART Tuya Smart Video Intercom System User Manual

Model: 87202S-87721

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1. PRODUCT OVERVIEW

The ANJIELO SMART Tuya Smart Video Intercom System provides enhanced security and communication for apartment buildings and homes. This system includes an outdoor call panel, multiple indoor monitors, and a Power over Ethernet (POE) switch for efficient connectivity. It supports various access control methods and integrates with the Tuya Smart APP for remote management.



Figure 1: Complete ANJIELO SMART Tuya Smart Video Intercom System components.

Key Features:

- **Handsfree Dual-Way Intercom:** Enables seamless communication between the indoor monitor and outdoor camera.
- **High-Definition Night Vision:** Equipped with a high-definition camera and infrared night monitoring for clear visibility in low light.
- **Versatile Unlocking Options:** Supports password entry, IC card swapping, and Tuya Smart APP control for secure access.
- **Robust IP65 Waterproof Rating:** Designed for reliable outdoor operation in various weather conditions.
- **Multi-Apartment Support:** Capable of supporting up to 999+ indoor monitors, suitable for large residential complexes.

Work for 1 - 999 Separate Individual Units



Figure 2: The system supports multiple individual units within a building.

2. SYSTEM SETUP

This section outlines the basic steps for setting up your ANJIELO SMART Video Intercom System. Ensure all components are present before beginning installation.

2.1 Component Identification

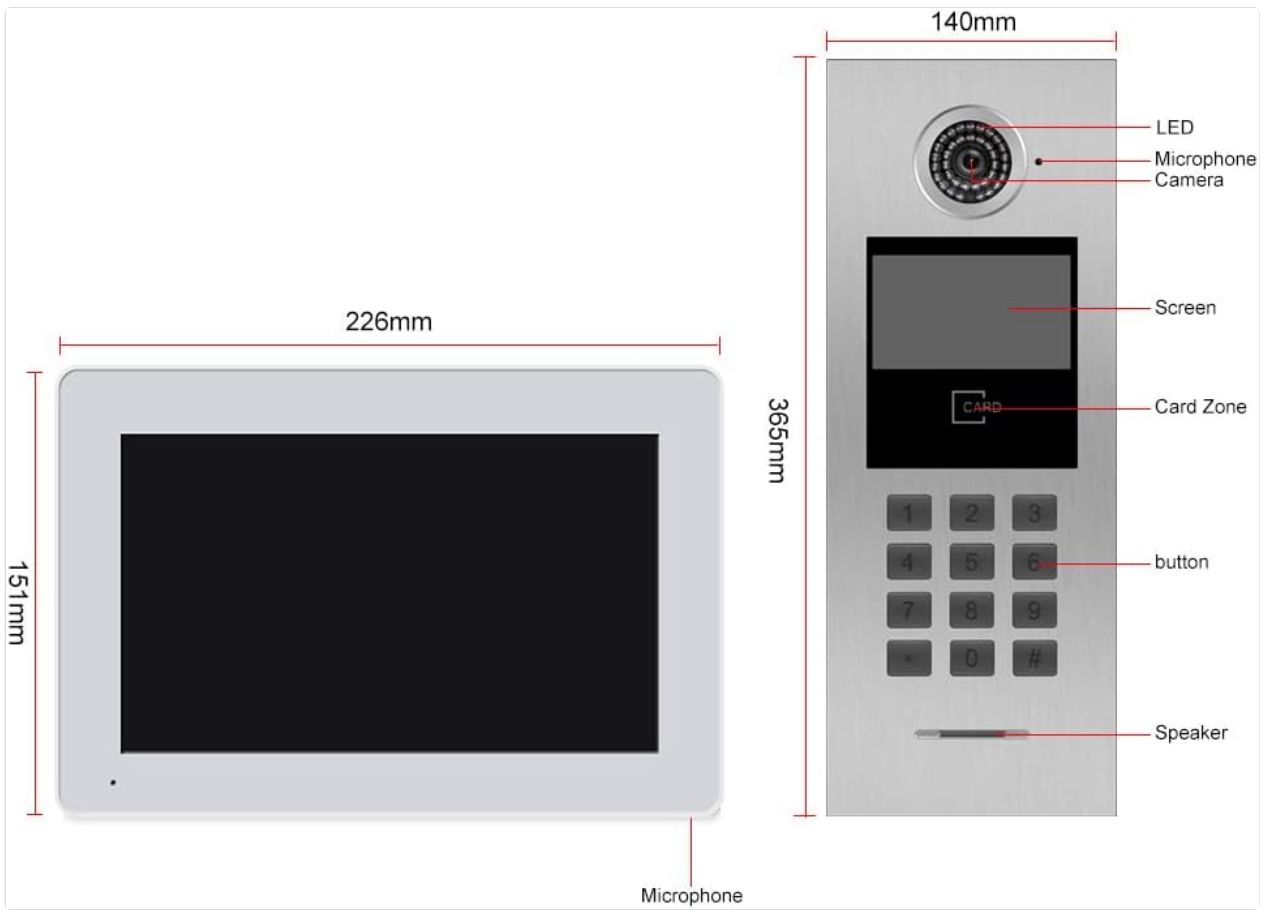


Figure 3: Outdoor Call Panel and Indoor Monitor dimensions and labeled components.

2.2 Connection Diagram

The system utilizes a CAT5 network cable for digital communication. The POE switch facilitates power and data transfer to the indoor monitors and outdoor unit.

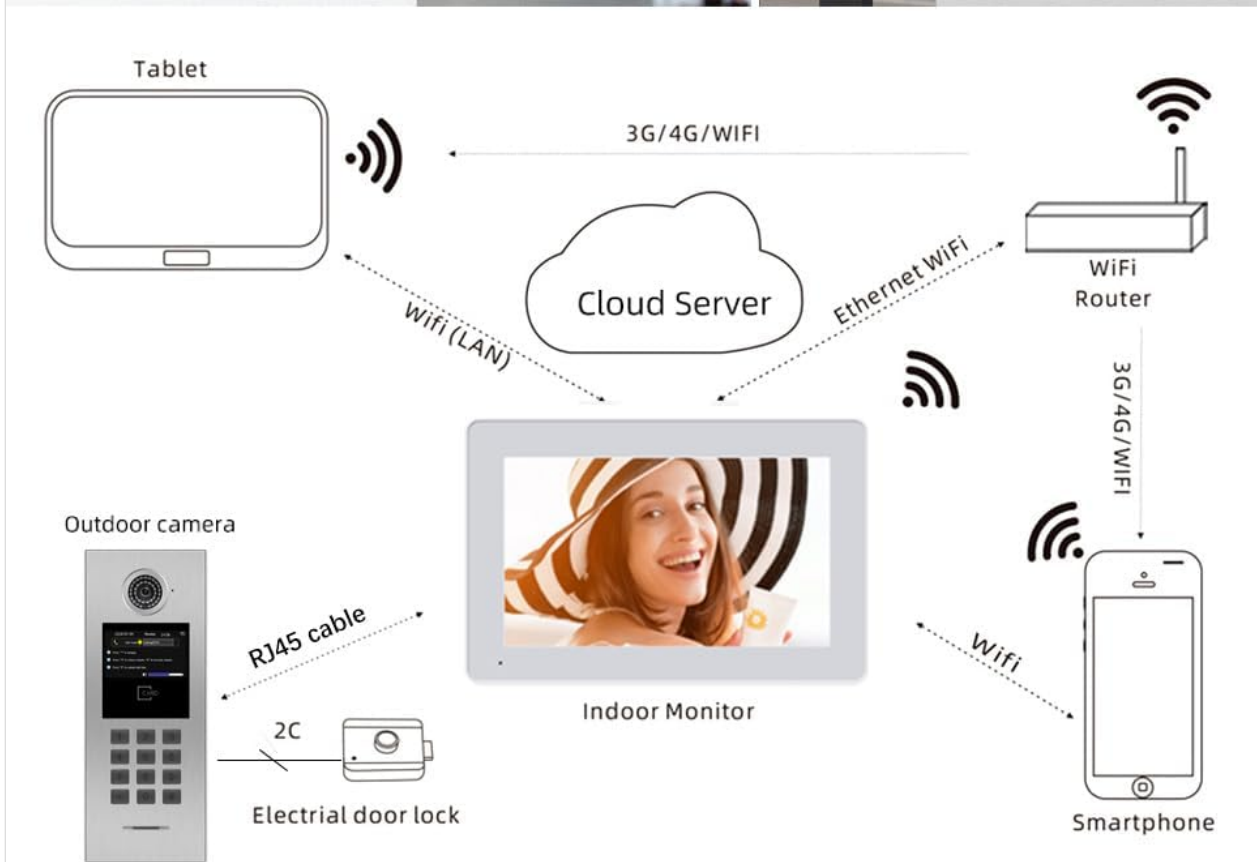


Figure 4: Overview of system connections.

2.3 Wiring Instructions

1. Connect the outdoor call panel to the POE switch using an RJ45 Ethernet cable.
2. Connect each indoor monitor to the POE switch using RJ45 Ethernet cables.
3. Ensure the POE switch is powered on.
4. Connect the electrical door lock to the outdoor call panel as per the wiring diagram (2C connection).
5. For remote access, connect the POE switch to your network router.

Your browser does not support the video tag.

Video 1: Detailed connection guide for the ANJIELO SMART IP Building Video Intercom System, demonstrating wiring of indoor monitors, outdoor unit, and POE switch.

>>>Support more than 9999 monitors in one system

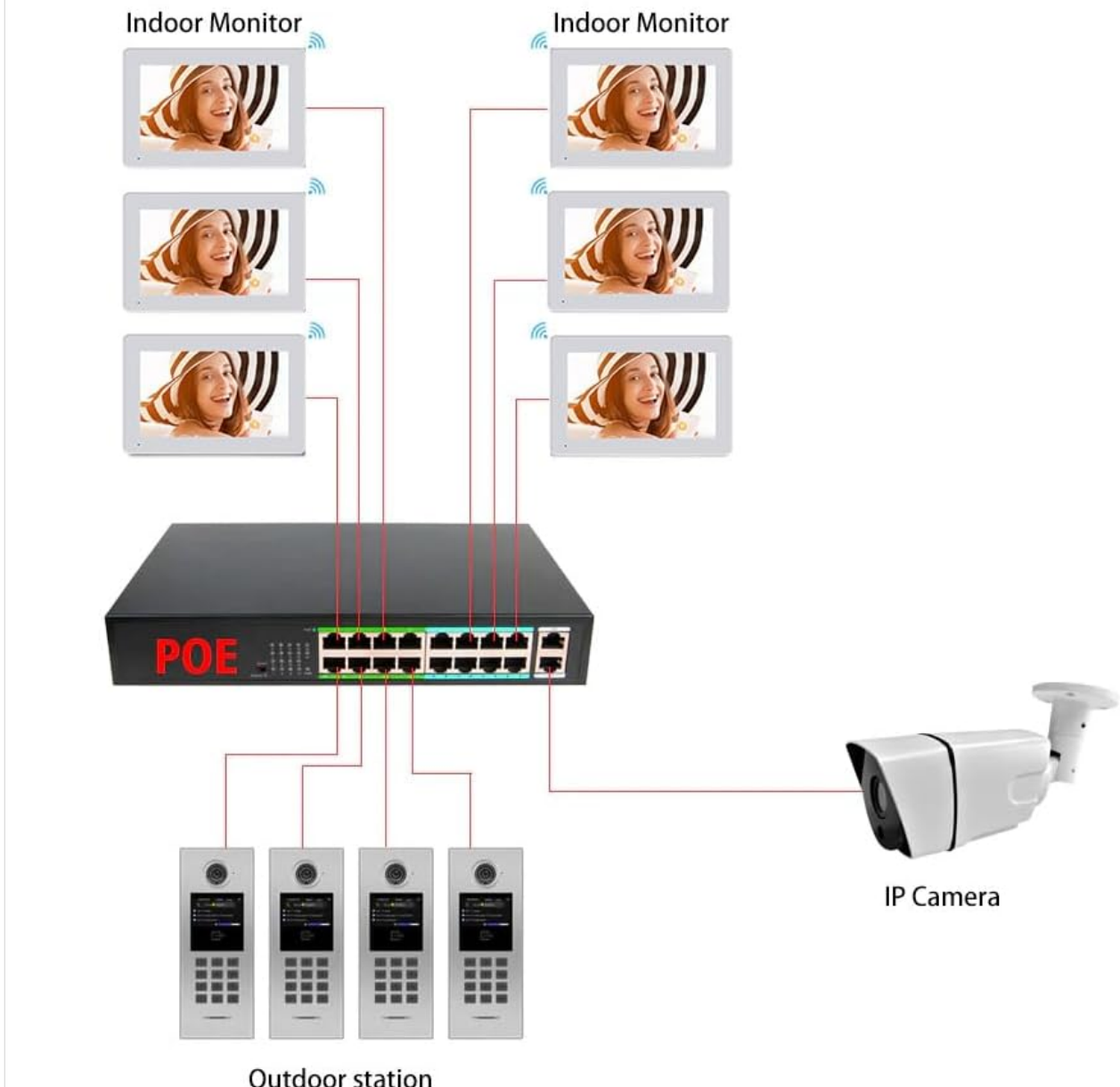


Figure 5: Example of multiple indoor monitors connected via a POE switch.

3. SYSTEM OPERATION

3.1 Making and Receiving Calls

1. **From Outdoor Panel:** A visitor can enter the flat number on the digital keypad and press the call button.
2. **On Indoor Monitor:** When a call is received, the indoor monitor will ring and display the visitor's video feed. You can accept the call to initiate two-way communication.
3. If no one answers within 30 seconds, the call can be transferred to a smartphone via the Tuya Smart APP.

3.2 Access Control and Unlocking

The system offers multiple secure ways to unlock the door:

- **Password Entry:** Enter a pre-set password on the outdoor call panel's digital keypad.
- **IC Card Swapping:** Present a registered IC card to the card reader on the outdoor panel.

- **Tuya Smart APP Control:** Remotely unlock the door using the Tuya Smart APP on your smartphone.
- **From Indoor Monitor:** During a call, an unlock option will be available on the indoor monitor screen.



Figure 6: Unlocking the gate using an IC card or password.

3.3 Night Vision and Monitoring

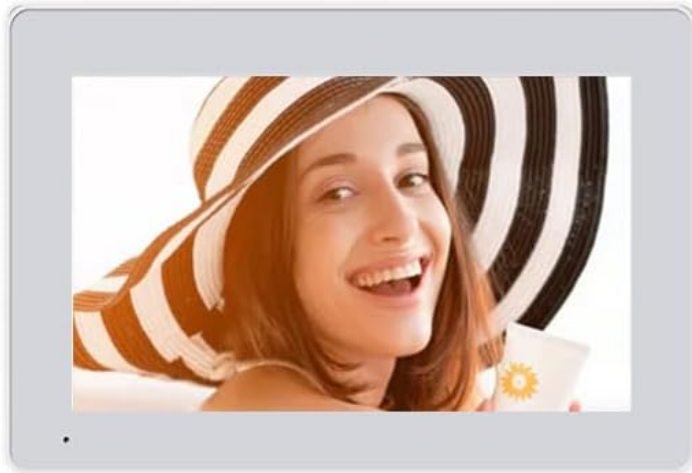
The outdoor call panel is equipped with a 110-degree wide-angle camera and white LED offset lighting, providing clear 960P video quality even in low-light conditions or at night.



Figure 7: Day and Night vision capabilities of the outdoor unit.

3.4 Tuya Smart APP Integration

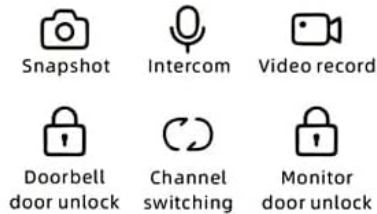
The Tuya Smart APP allows for remote monitoring, intercom, video recording, doorbell unlock, channel switching, and monitor unlock functionalities. This provides convenient control over your intercom system from anywhere.



**Support External
Max.32GB SD Card**



Install the free APP "**Tuya Smart**", Start controlling your smart home.



You never miss a visitor anytime & anywhere.
Answer the door and remote unlock in your hand.

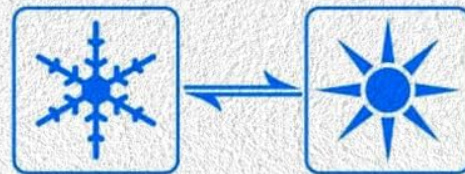
Figure 8: Tuya Smart App integration for remote control and monitoring.

4. MAINTENANCE

To ensure optimal performance and longevity of your ANJIELO SMART Video Intercom System, follow these general maintenance guidelines:

- **Outdoor Call Panel:** The outdoor unit features an IP65 waterproof and dustproof design. Regularly wipe the camera lens and screen with a soft, damp cloth to remove dirt or smudges. Avoid using harsh chemicals.
- **Indoor Monitors:** Clean the monitor screens with a soft, dry, or slightly damp cloth. Do not spray cleaning solutions directly onto the screen.
- **Cabling:** Periodically check all network and power cables for secure connections and any signs of damage.
- **Software Updates:** Ensure your Tuya Smart APP and intercom system firmware are updated to the latest versions for improved functionality and security.

Waterproof Outdoor Unit



Operating temperature
-40°C +50°C



IP65 Waterproof

Figure 9: The outdoor unit's IP65 rating ensures durability in various weather conditions.

5. TROUBLESHOOTING

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

- **No Power:** Check all power connections to the POE switch and ensure the power outlet is functional.
- **No Video/Audio:** Verify all RJ45 network cables are securely connected between the outdoor panel, indoor monitors, and the POE switch. Ensure the network is active.
- **Remote Access Issues:** Confirm your POE switch is connected to a working internet router. Check your smartphone's internet connection and Tuya Smart APP settings.
- **Unlocking Problems:** Ensure the correct password or registered IC card is being used. Verify the electrical door lock is properly wired and receiving power.
- **Intermittent Connectivity:** Check for network interference or congestion. Ensure all cables are in good condition.

For persistent issues, please refer to the detailed troubleshooting guide available on the ANJIELO SMART website or contact customer support.

6. PRODUCT SPECIFICATIONS

| Feature | Detail |
|-----------------------------|--------------------------------|
| Brand | ANJIELO SMART |
| Model Number | 87202S-87721 |
| Style | 1 Doorbell + 6 Monitor + 1 POE |
| Color | White |
| Power Source | Corded Electric |
| Compatible Devices | Personal Computer, Smartphone |
| Item Dimensions (L x W x H) | 5 x 3 x 1 inches |
| Video Capture Resolution | 1080p |
| Connectivity Technology | Wired |
| Installation Type | Screw-In |
| Alert Type | Audio & Motion |
| Item Weight | 1 pounds |
| Control Method | App, Touch |
| Recommended Uses | Indoor, Outdoor |
| Included Components | 1 Doorbell, 1 POE, 6 Monitor |
| Sensor Technology | CMOS, RFID |
| Connector Type | RJ45 |

7. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your ANJIELO SMART Video Intercom System, please contact the manufacturer directly or refer to the official ANJIELO SMART website. Keep your purchase receipt and product model number (87202S-87721) readily available when contacting support.

You can visit the ANJIELO SMART Store for additional resources and contact information:[ANJIELO SMART Store](#)