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› ANJIELO SMART /

› ANJIELO SMART Wired Video Apartment Intercom System (1 Doorbell + 12 Monitor) User Manual

ANJIELO SMART 65201+64705

ANJIELO SMART Wired Video Apartment Intercom System User Manual

Model: 65201+64705 (1 Doorbell + 12 Monitor)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ANJIELO SMART Wired Video Apartment Intercom System. This system is designed for multi-unit dwellings, featuring one outdoor doorbell camera and multiple indoor monitors for visual communication and access control.

Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. PACKAGE CONTENTS

Verify that all components are present in your package:

- Outdoor Doorbell Unit (1)
- Indoor Monitor Units (12)
- Power Adapters for Monitors
- 4-Pin Cables for connections
- Mounting Screws and Anchors
- User Manual (this document)

3. PRODUCT FEATURES

- **Multi-Unit Support:** Designed for 2 to 12 unit family buildings, allowing individual monitoring without interference.
- **Night Vision:** Automatic night vision activation in low light conditions for clear visitor identification.
- **IP55 Waterproof Doorbell:** Aluminum alloy doorbell unit is resistant to rain and harsh weather.
- **Two-Way Audio:** Enables communication between indoor monitors and the outdoor doorbell.

- **7-Inch LCD Monitor:** Slim design, hands-free TFT display monitor with touch keys.
- **Outdoor Monitoring:** Supports monitoring the outdoor environment without a call button press.
- **Electronic Lock Compatibility:** Works with electronic locks (requires separate power controller for lock operation).

4. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. It is recommended to consult a qualified electrician for complex wiring.

4.1 System Overview

The system consists of one outdoor doorbell unit and multiple indoor monitor units. Each indoor monitor operates independently, allowing residents to view and communicate with visitors without disturbing other units.



Figure 1: System overview illustrating the connection of one outdoor camera to multiple indoor monitors in an apartment building.

4.2 Component Dimensions

Refer to the following dimensions for planning installation locations:

- **Outdoor Doorbell Unit:** 275mm (Height) x 125mm (Width) x 45mm (Depth)
- **Indoor Monitor Unit:** 205mm (Width) x 118mm (Height) x 22mm (Depth)

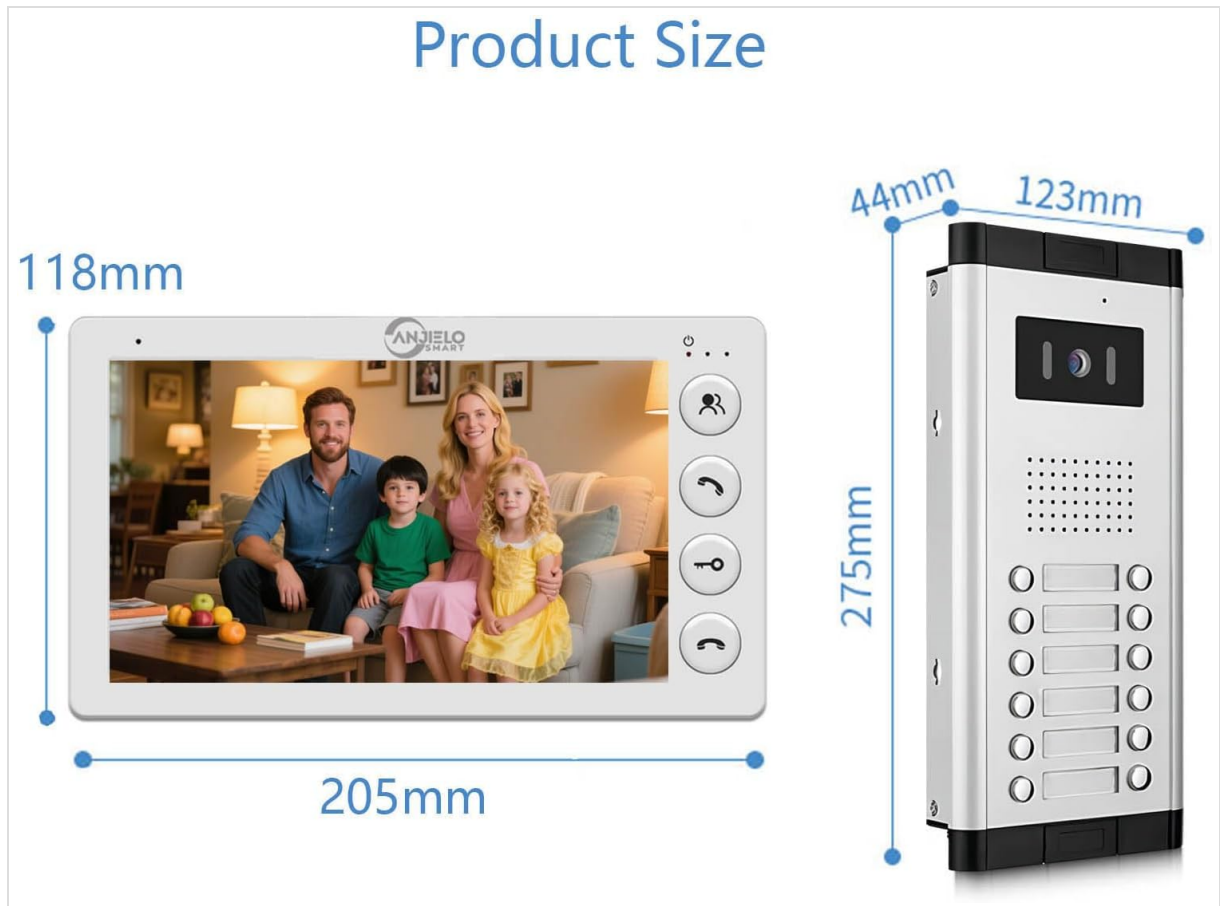


Figure 2: Product dimensions for the outdoor doorbell and indoor monitor.

4.3 Installation Steps

1. Mount the Outdoor Doorbell:

Select a suitable location near the entrance, ensuring it is within reach of wiring and at an appropriate height for visitors. The doorbell is designed for flush-mounted installation. Use the provided screws and anchors to securely mount the unit. Ensure the unit is protected from direct heavy rain, although it is IP55 waterproof.



Figure 3: Outdoor doorbell unit with key features and environmental ratings.

2. Mount Indoor Monitors:

Choose a convenient location inside each apartment unit for the monitor. The monitors are designed for surface mount installation. Secure them using the provided hardware.

3. Wiring Connections:

Each indoor monitor must be connected to the outdoor doorbell unit using a 4-pin cable. Ensure all connections are secure and correctly aligned. The system is wired, providing a stable connection.

4. Power Connection:

Each indoor monitor requires a power connection. Connect the provided DC 15V 1.2A power adapter to each monitor and plug it into a standard electrical outlet.

5. Electronic Lock Integration (Optional):

If integrating an electronic lock, a separate power controller is required to manage the lock's operation. Connect the lock and controller according to their respective manuals and integrate with the intercom system's unlocking function.

5. OPERATING INSTRUCTIONS

5.1 Receiving a Call

1. When a visitor presses the call button on the outdoor doorbell, the indoor monitor(s) will activate and display the external environment.

2. To answer the call, press the **Answer** button on the monitor.
3. Engage in two-way audio communication with the visitor.
4. To end the call, press the **Answer** button again. The monitor will automatically close after 60 seconds if no action is taken or after the conversation ends.

5.2 Monitoring the Outdoor Environment

You can view the outdoor environment at any time without a visitor pressing the doorbell. Simply press the **Monitor** button on your indoor unit to activate the camera feed.

5.3 Unlocking the Door

If an electronic lock is connected and configured, you can unlock the door directly from your indoor monitor.

1. During an active call or while monitoring, press the **Unlock** button on the monitor.
2. The electronic lock will disengage, allowing the visitor to enter.

One-key Unlocking



Figure 4: Demonstrating the one-key unlocking function from the indoor monitor.

5.4 Night Vision

The outdoor doorbell is equipped with an automatic night vision function. In low light conditions, the infrared LEDs will activate, providing a clear black and white image of the visitor.

Automatically switch between day and night mode.

Built-in LED infrared night vision light, you can clearly recognize visitors even at night.



Figure 5: Automatic day and night mode switching for clear visibility.

5.5 Monitor Controls

The indoor monitor features touch keys for various functions and system settings.

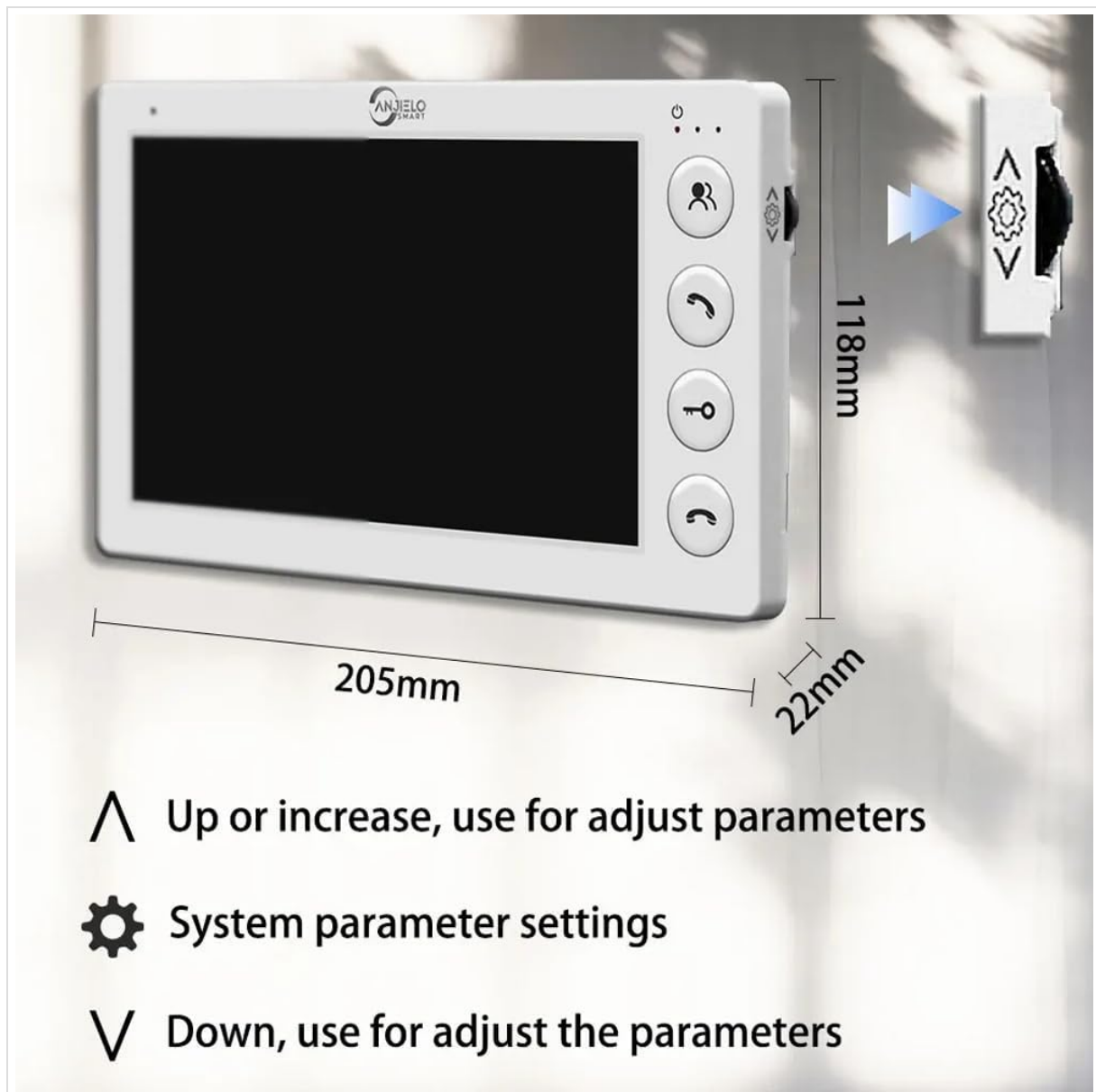


Figure 6: Indoor monitor controls for adjusting parameters and accessing system settings.

- **Up/Increase Button:** Used to adjust parameters (e.g., volume, brightness) or navigate menus.
- **System Parameter Settings Button:** Accesses the monitor's settings menu.
- **Down/Decrease Button:** Used to adjust parameters or navigate menus.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the outdoor doorbell and indoor monitors. Do not use abrasive cleaners or solvents.
- **Outdoor Unit Protection:** While the outdoor unit is IP55 waterproof, avoid directing high-pressure water jets directly at it. Regularly check for any debris obstructing the camera lens or microphone/speaker.
- **Wiring Inspection:** Periodically inspect all wiring connections for any signs of wear, damage, or loose connections.
- **Software Updates:** Check the manufacturer's website for any available firmware updates for your system.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image or sound on indoor monitor.	No power to monitor. Loose or incorrect wiring. Faulty component.	Check if the monitor's power adapter is securely plugged in and receiving power. Verify all 4-pin cable connections between the doorbell and monitors. Contact customer support if the issue persists after checking power and wiring.
Poor image quality or no night vision.	Dirty camera lens. Insufficient ambient light for night vision activation. Obstruction in front of the camera or IR sensors.	Clean the camera lens with a soft cloth. Ensure no objects are blocking the camera or infrared sensors on the doorbell.
Two-way audio not working.	Microphone or speaker obstruction. Loose wiring. Volume settings too low.	Check for obstructions on the doorbell and monitor's microphone/speaker. Verify wiring connections. Adjust volume settings on the indoor monitor.
Door unlock function not working.	Electronic lock not properly connected. Power controller for lock is faulty or not powered. Incorrect wiring between intercom and lock controller.	Ensure the electronic lock and its power controller are correctly installed and powered. Check all wiring related to the electronic lock integration.

8. SPECIFICATIONS

Feature	Detail
Brand	ANJIELO SMART
Model Number	65201+64705
Connectivity Technology	Wired
Power Source	Corded Electric (DC 15V 1.2A for monitors)
Outdoor Doorbell Camera Sensor	1.0MP, 1/4" CMOS
Outdoor Doorbell Lens	3.6MM
Outdoor Doorbell View Angle	90 Degrees
Outdoor Doorbell Rainproof Rating	IP55
Outdoor Doorbell Night Vision	Up to 5 meters
Outdoor Doorbell Material	Aluminum alloy
Outdoor Doorbell Dimensions	275mm x 125mm x 45mm
Outdoor Doorbell Installation	Flush-mounted
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Indoor Monitor Size	7 inch
Indoor Monitor Resolution	800 x 480
Indoor Monitor Functions	2-way intercom, monitor, unlock, mute mode
Indoor Monitor Material	Glass panel
Indoor Monitor Dimensions	205mm x 108mm x 22mm
Indoor Monitor Installation	Surface Mount
Wiring	4-wire cable

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact ANJIELO SMART customer service through the retailer where the product was purchased or visit the official ANJIELO SMART website.

Please retain your purchase receipt as proof of purchase for warranty claims.

