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> ANJIELO SMART WiFi Video Intercom System Doorbell User Manual

ANJIELO SMART 94218B+KXT-US

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Model: 94218B+KXT-US

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1. INTRODUCTION

Thank you for choosing the ANJIELO SMART WiFi Video Intercom System Doorbell. This comprehensive system provides advanced security and convenience for your home or office. Featuring a 1080P camera, multiple unlocking methods including fingerprint, RFID card, password, and app control, along with a 10-inch indoor monitor, this system ensures you can see, hear, and speak to visitors from anywhere. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your device.

2. SAFETY INFORMATION

- Read all instructions carefully before installation and operation.
- Ensure all power is disconnected before performing any wiring or installation procedures.
- Installation should be performed by qualified personnel if you are unsure about electrical wiring.
- Do not expose the outdoor unit to extreme temperatures or direct water immersion beyond its IP65 rating.
- Use only the power supply provided or specified by the manufacturer.
- Keep the device away from strong magnetic fields.
- Do not attempt to disassemble or repair the unit yourself. Contact customer support for assistance.

3. PACKAGE CONTENTS

Please check the package contents to ensure all items are present and undamaged:

- 1 x Outdoor Doorbell Unit with Camera
- 1 x 10-inch Indoor Touch Monitor
- 5 x RFID Cards
- 1 x 32GB Micro SD Card
- 1 x 3m 4-core cable (for doorbell wiring)
- 1 x 1.2m External Power Supply (for monitor)
- Mounting Screws and Anchors
- Rain Cover for Outdoor Unit
- User Manual (this document)



Figure 3.1: Overview of included components.

4. PRODUCT OVERVIEW

4.1 Outdoor Doorbell Unit

The outdoor unit features a 1080P camera with a 148° wide-angle lens, infrared LEDs for night vision, a keypad for password entry, a fingerprint reader, and an RFID card reader. It is designed with an IP65 waterproof aluminum alloy shell and includes a rain cover for enhanced durability against dust and vandalism.

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 4.1: Outdoor unit showcasing IP65 waterproof design.

4.2 Indoor Touch Monitor

The 10-inch TFT-LCD touch screen monitor serves as the central control hub. It allows for two-way audio communication, viewing live camera feeds, unlocking the door, and accessing recorded events. The monitor connects to your home Wi-Fi network for remote access via the Tuya app.

5. SETUP

5.1 Wiring Diagram

The system requires a wired connection between the outdoor doorbell unit and the indoor monitor using a 4-core cable. The system also supports connection to 12V electronic door locks (not included). Ensure proper wiring as shown in the diagram below.

WIRING DIAGRAM

The monitor to doorbell need wired with 4 wires.

This doorbell system supports the connection of 12V electronic door locks (door locks are not included in the package)



Figure 5.1: Wiring connections for the intercom system.

5.2 Outdoor Unit Installation

1. Choose a suitable location near your entrance, typically at eye level, ensuring clear visibility and protection from direct elements (though it is IP65 rated).
2. Mount the rain cover to the wall using the provided screws and anchors.
3. Route the 4-core cable from the indoor monitor location to the outdoor unit location.
4. Connect the 4-core cable to the corresponding terminals on the outdoor doorbell unit. Refer to the wiring diagram.
5. Secure the outdoor doorbell unit into the rain cover.

5.3 Indoor Monitor Installation

1. Select a convenient indoor location for the monitor, such as a living room or kitchen wall.
2. Mount the monitor bracket to the wall using screws and anchors.
3. Connect the 4-core cable from the outdoor unit to the monitor.
4. Connect the 12V DC power adapter to the monitor and plug it into a power outlet.
5. Carefully attach the monitor to its wall bracket.

5.4 Initial Power-Up and Wi-Fi Connection

1. Once all wiring is complete and secure, power on the indoor monitor.
2. Follow the on-screen prompts to set up the monitor.
3. Navigate to the Wi-Fi settings on the monitor and connect to your home Wi-Fi network. This enables remote access via the Tuya app.
4. Download the "Tuya Smart" app from your smartphone's app store (iOS/Android).
5. Register an account and follow the app's instructions to add your ANJIELO SMART intercom system. This typically involves scanning a QR code displayed on the monitor.

6. OPERATING INSTRUCTIONS

6.1 Two-Way Audio Communication

When a visitor presses the doorbell button, all connected indoor monitors and your smartphone (via the Tuya app) will ring. You can then answer the call to initiate two-way audio communication with the visitor at your door.

Two Way Audio & 4-Wire Connect

See, speak and hear from visitor



Figure 6.1: Demonstrating two-way audio communication.

6.2 Unlocking Methods (5-in-1)

The system offers five convenient ways to unlock your door (requires connection to a 12V electronic lock):

- **Password:** Enter your pre-set password on the outdoor unit's keypad.
- **Fingerprint:** Place your registered fingerprint on the outdoor unit's sensor.
- **IC Card:** Tap a registered RFID card on the outdoor unit's reader.
- **Monitor:** Tap the unlock icon on the indoor monitor's touch screen during a call or live view.
- **Tuya APP:** Use the unlock function within the Tuya Smart app on your smartphone.



Figure 6.2: The five unlocking methods available.

6.3 Motion Detection and Recording

The outdoor unit is equipped with motion detection. When motion is detected, the doorbell camera will automatically record videos or capture snapshots and save them to the included 32GB Micro SD card. These recordings can be reviewed on the indoor monitor or via the Tuya app.

Accurate and sensitive detection of human movement

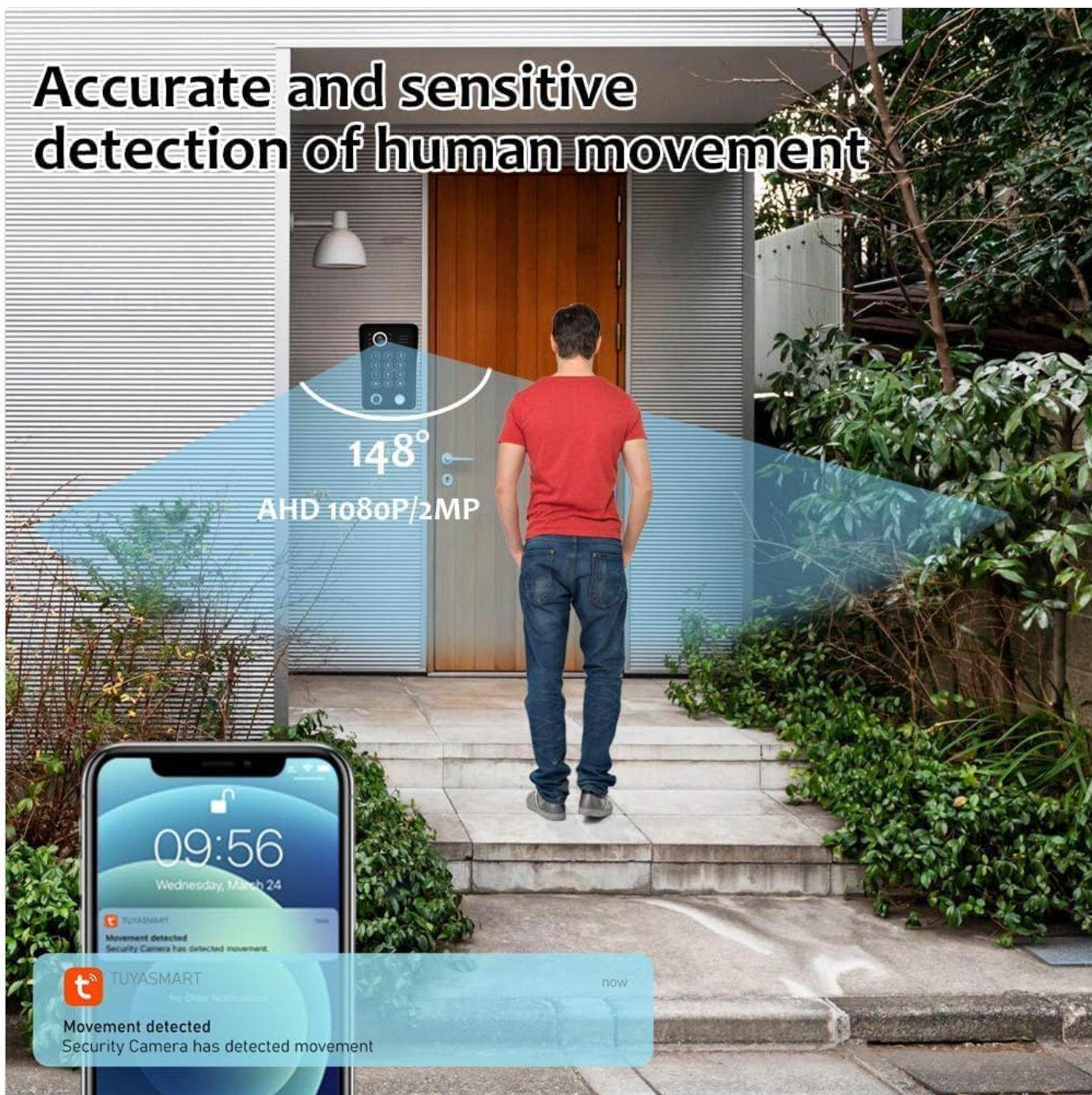


Figure 6.3: Motion detection feature in action.

6.4 Remote Control via Tuya APP

With the Tuya Smart app connected to your system, you can remotely view live video, communicate with visitors, and unlock your door from anywhere with an internet connection. This provides convenience and peace of mind.



Figure 6.4: Remote control and unlock via Tuya APP.

6.5 Night Vision

The outdoor doorbell unit is equipped with infrared LEDs, providing clear visibility even in low-light conditions or complete darkness. The system automatically switches to night vision mode when ambient light is insufficient.



Figure 6.5: Day and night vision capabilities.

7. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the outdoor unit's camera lens and the indoor monitor's screen. Do not use abrasive cleaners or solvents.
- **Firmware Updates:** Periodically check for firmware updates via the Tuya app or the monitor's settings to ensure optimal performance and security.
- **SD Card Management:** Regularly back up important recordings from the Micro SD card and format it periodically to maintain recording efficiency.
- **Cable Inspection:** Periodically inspect all wired connections for any signs of wear or damage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No image on indoor monitor.	Loose wiring; power issue; camera malfunction.	Check 4-core cable connections. Ensure monitor is powered. Restart the system.
No audio during communication.	Microphone/speaker issue; volume too low.	Check volume settings on monitor. Inspect for physical damage.
Cannot connect to Wi-Fi.	Incorrect password; weak signal; router issue.	Verify Wi-Fi password. Move monitor closer to router. Restart router.
Door not unlocking.	Electronic lock not connected; power issue to lock; incorrect unlock method.	Ensure 12V electronic lock is properly wired and powered. Verify correct password/fingerprint/card.
Motion detection not working.	Settings disabled; obstruction; sensitivity too low.	Check motion detection settings in monitor/app. Clear any obstructions. Adjust sensitivity.

9. SPECIFICATIONS

Outdoor Doorbell Unit:

- **Camera Sensor:** 1/2.7 CMOS
- **Definition:** 1080P
- **Lens:** 3.2mm
- **View Angle:** 148°
- **LEDs for Night Vision:** IR LEDs (120°)
- **Power Consumption:** 200mA max
- **Power Supply:** Supplied from indoor unit
- **Operating Temperature:** -40°C to +50°C
- **Installation:** Surface mount
- **Accessory:** Rain Cover
- **Dimensions:** 137mm x 85.5mm x 23.5mm
- **Special Feature:** 5-in-1 Unlock (Password, Fingerprint, IC Card, APP, Monitor)
- **Waterproof Rating:** IP65

Indoor Touch Monitor:

- **Screen:** 10 inch TFT-LCD touch screen
- **Resolution:** 1024 x 680
- **Ring:** 7-chord melody rings
- **Volume, Color:** Adjustable
- **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:** 7.8 × 5.1 × 0.8 inch / 198x130x21 mm
- **Compatible Devices:** Smartphone (via Tuya App)
- **Connectivity Protocol:** Wi-Fi
- **Video Capture Resolution:** 1080p

- **Video Capture Format:** MJPEG

10. WARRANTY & SUPPORT

ANJIELO SMART products are designed for reliability and performance. For warranty information and technical support, please refer to the warranty card included in your package or visit the official ANJIELO SMART website. If you encounter any issues not covered in this manual, please contact our customer service team for assistance.

Manufacturer: ANJIELO SMART

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