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> ANJIELO SMART WiFi Video Intercom System Doorbell User Manual

ANJIELO SMART 94218B+KXT-US

ANJIELO SMART WiFi Video Intercom System

MODEL: 94218B+KXT-US

User Manual

1. INTRODUCTION

Thank you for choosing the ANJIELO SMART WiFi Video Intercom System. This system provides advanced security and convenience for your home, allowing you to see, hear, and speak to visitors from anywhere. It integrates a high-definition doorbell camera with multiple indoor monitors, offering various unlocking methods and remote access capabilities.

2. SAFETY INFORMATION

- Ensure all wiring is performed by a qualified professional to prevent electrical hazards.
- Do not expose the indoor monitor to water or excessive humidity.
- Use only the provided power adapter for the indoor monitor.
- Keep the system away from strong electromagnetic interference.
- Do not attempt to disassemble or repair the device yourself. Contact support if issues arise.

3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x Outdoor Doorbell Unit
- 2 x 7-inch Indoor Touch Monitors
- 2 x 3m 4-core connection cables (for doorbell to monitor)
- 2 x 1.2m external power supplies (for monitors)
- 5 x RFID IC Cards
- 1 x 32GB Micro SD Card (pre-installed or included)
- Mounting screws and accessories
- Rain cover for doorbell



Figure 3.1: Overview of System Components

4. SETUP AND INSTALLATION

4.1 Wiring Diagram

The system requires a wired connection between the outdoor doorbell unit and the indoor monitors. Use the provided 4-core cables for this connection. The system also supports connection to a 12V electronic door lock (not included).

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 4.1: System Wiring Diagram

- **Doorbell to Monitor:** Connect the 4-core cable from the outdoor doorbell unit to the designated input on each indoor monitor. Ensure correct polarity.
- **Electronic Lock Connection:** If using an electronic lock, connect it to the doorbell unit using 2 wires. The system supports 12V electronic locks.
- **Monitor Power:** Connect the 12V DC power adapter to each indoor monitor and plug it into a power outlet. The doorbell unit receives power from the indoor monitor.

4.2 Mounting

Both the outdoor doorbell and indoor monitors are designed for surface mounting.

- **Outdoor Doorbell:** Mount the doorbell unit at an appropriate height near your entrance, ensuring a clear view. Use the provided rain cover for added protection.
- **Indoor Monitors:** Mount monitors in convenient locations within your home, such as a living room or bedroom.

4.3 Wi-Fi Connection (Main Monitor)

The main indoor monitor can connect to your home Wi-Fi network to enable remote access via the Tuya app.

1. On the main monitor, navigate to the network settings.
2. Select your Wi-Fi network and enter the password.
3. Download the Tuya Smart app on your smartphone and follow the in-app instructions to add your device.

5. OPERATING INSTRUCTIONS

5.1 5-in-1 Unlocking Methods

The outdoor doorbell supports five methods for unlocking your door:



Figure 5.1: Five Unlocking Methods

- **Password:** Enter your pre-set password on the doorbell keypad.
- **Fingerprint:** Place your registered fingerprint on the doorbell's fingerprint sensor.

- **IC Card:** Tap a registered RFID IC card on the doorbell's card reader area.
- **Tuya APP:** Use the Tuya Smart app on your smartphone to remotely unlock the door.
- **Monitor:** Press the unlock icon on the indoor monitor screen during a call.

5.2 Two-Way Audio Communication

When a visitor presses the doorbell, all connected indoor monitors and your smartphone (via Tuya app) will ring. You can then initiate two-way communication.



Figure 5.2: Two-Way Audio in Action

- Answer the call on any indoor monitor or through the Tuya app.
- Speak clearly into the monitor/phone to communicate with the visitor.
- You can unlock the door directly from the monitor during the conversation.

5.3 Motion Detection and Recording

The doorbell camera is equipped with motion detection. When motion is detected or the doorbell is pressed, the system will automatically record video or capture snapshots.

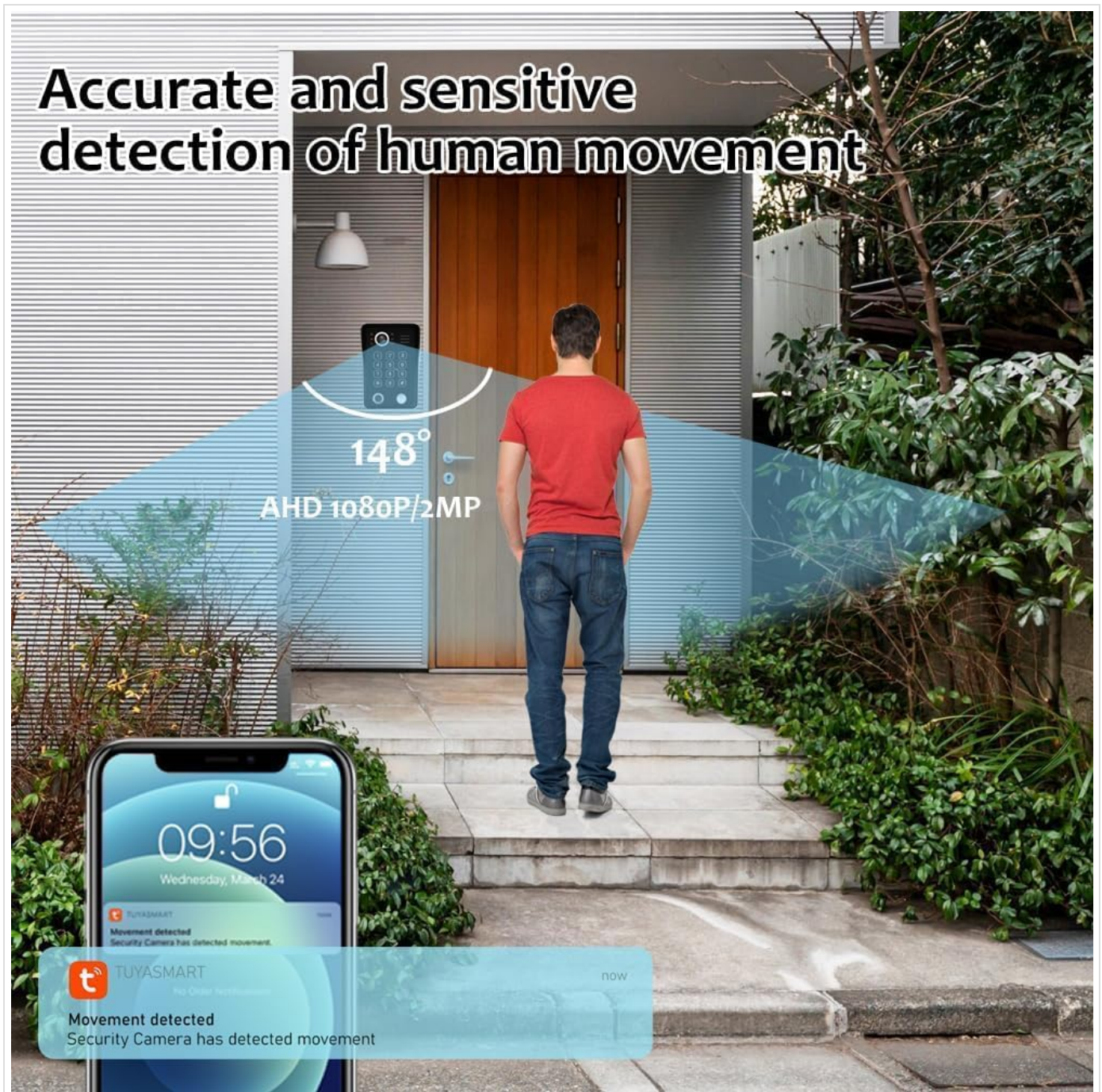


Figure 5.3: Motion Detection Notification

- Recordings are saved to the included 32GB Micro SD card.
- You can review recorded footage directly on the indoor monitor or via the Tuya app.

5.4 Night Vision

The doorbell camera features built-in infrared LEDs for clear night vision, ensuring visibility even in low-light conditions.



Figure 5.4: HD 1080P Infrared Night Vision

5.5 Tuya APP Remote Control

With the Tuya Smart app connected to your main monitor, you can control and monitor your intercom system remotely.



Figure 5.5: Tuya App Remote Control Interface

- Receive notifications when someone rings the doorbell or motion is detected.
- View live video feed from the doorbell camera.
- Engage in two-way audio communication with visitors.
- Remotely unlock the door.

5.6 Internal Communication (Monitor to Monitor)

All indoor monitors support call forwarding and internal audio communication between units.

- Initiate a call from one monitor to another for internal communication.
- When the doorbell rings, you can answer the call on any monitor and transfer it to another monitor if needed.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your system.

- **Cleaning:** Use a soft, dry cloth to clean the indoor monitors. For the outdoor doorbell, use a damp cloth to wipe away dirt. Avoid abrasive cleaners or solvents.
- **Outdoor Unit Protection:** The outdoor doorbell is IP65 waterproof, dustproof, and vandal-resistant. Ensure the rain cover is properly installed for maximum protection against elements.



Figure 6.1: IP65 Waterproof Doorbell

- **Software Updates:** Check the Tuya app or ANJIELO SMART website for any available firmware updates for your system to ensure you have the latest features and security enhancements.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power to indoor monitor	Power adapter unplugged or faulty; power outlet issue.	Check power adapter connection. Try a different power outlet.
No video/audio from doorbell	4-core cable loose or incorrectly wired; doorbell unit faulty.	Verify all 4-core cable connections are secure and correct. Refer to wiring diagram.
Cannot connect main monitor to Wi-Fi	Incorrect Wi-Fi password; weak Wi-Fi signal; router issues.	Double-check Wi-Fi password. Move monitor closer to router. Restart router.
Remote unlock not working via app	Main monitor not connected to Wi-Fi; app not configured correctly; internet issue.	Ensure main monitor has stable Wi-Fi. Check app settings and internet connection.
Motion detection not recording	SD card full or faulty; motion detection sensitivity too low; feature disabled.	Check SD card status. Adjust motion detection settings on monitor.

8. SPECIFICATIONS

8.1 Outdoor Doorbell Unit

- **Camera Sensor:** 1/2.7 CMOS
- **Definition:** 1080P
- **Lens:** 3.2mm
- **View Angle:** 148°
- **Night Vision:** IR LEDs (120°)
- **Power Consumption:** 200mA max
- **Power Supply:** Supplied from indoor unit
- **Operating Temp:** -40°C ~ +50°C
- **Installation:** Surface mount
- **Accessory:** Rain Cover
- **Size:** 137mm x 85.5mm x 23.5mm
- **Protection Rating:** IP65 Waterproof

8.2 Indoor Touch Monitor

- **Screen:** 7 inch TFT-LCD touch screen
- **Resolution:** 1024 x 680
- **Rings:** 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
- **Size:** 7.8×5.1×0.8 inch / 198x130x21 mm

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official ANJIELO SMART website. You may also contact the seller directly for assistance.

Manufacturer: ANJIELO SMART

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