

ANJIELO SMART AHD10-1V1

ANJIELO SMART AHD10-1V1 WiFi Video Doorbell Intercom System

User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ANJIELO SMART AHD10-1V1 WiFi Video Doorbell Intercom System. This system includes a 10-inch touch monitor and a 1080P outdoor doorbell camera, designed to enhance home security and communication. Please read this manual thoroughly before using the product to ensure proper function and safety.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your package. If any items are missing or damaged, please contact customer support.

- 10-inch Indoor Touch Monitor
- Outdoor Doorbell Camera
- Mounting Hardware (screws, anchors)
- Power Adapter for Monitor
- Wiring Cables (for 4-wire connection)
- ID Cards (7 included for unlocking)
- 32GB Micro SD Card (pre-installed in monitor)
- User Manual (this document)

- *Max 6 Indoor Monitors
- *Max 4 Outdoor doorbell
- *Max 4 Poe camera



Figure 2.1: System Components. This image displays the primary components of the intercom system: the indoor 10-inch touch monitor and the outdoor doorbell unit.

3. KEY FEATURES

The ANJIELO SMART AHD10-1V1 system offers a range of features for enhanced security and convenience:

- **10-inch TFT Touch Monitor:** Features a slim design with a 1024x680 resolution, supporting hands-free intercom.
- **1080P Full HD Camera:** The outdoor doorbell includes a 140-degree wide-angle camera with a colorful CMOS sensor for clear video.
- **Night Vision:** Built-in infrared sensor and IR Cut provide black and white night vision without color deviation.
- **Weatherproof Design:** The outdoor unit is rainproof, dustproof, and anti-vandalism, constructed with aluminum alloy/ABS.
- **TUYA Smart APP Integration:** Connects to the TuyaSmart app (iOS/Android) for remote monitoring, two-way

communication, and unlocking.

- **Multiple Unlocking Methods:** Supports unlocking via ID card, the mobile app, or directly from the indoor monitor. Seven ID cards are included.
- **Automatic Recording:** When motion detection is triggered, the camera automatically captures snapshots or video recordings, saved to the included 32GB Micro SD card.
- **Expandable System:** Supports up to 6 indoor monitors and 2 outdoor doorbells.
- **4-Wire Connection:** The indoor monitor and outdoor doorbell connect via a stable 4-wire system. The monitor supports 2.4G WiFi for app connectivity.

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your video intercom system.

4.1 Outdoor Doorbell Installation

1. **Choose Location:** Select a suitable location near your door, ensuring it is at an appropriate height for visitors to interact with the camera and microphone.
2. **Mounting:** Use the provided mounting bracket and screws to securely attach the outdoor doorbell unit to the wall. The installation is surface-mounted.
3. **Wiring:** Connect the 4-wire cable from the doorbell to the designated connection point for the indoor monitor. Ensure all connections are secure.
4. **Power:** The doorbell receives power through the 4-wire connection from the indoor monitor.



Figure 4.1: Outdoor Doorbell and Indoor Monitor Installation. This image illustrates the typical placement of the outdoor doorbell and the indoor monitor, showing the monitor displaying the doorbell's camera feed.

4.2 Indoor Monitor Installation

1. **Choose Location:** Install the 10-inch monitor in a convenient indoor location, such as a hallway or living room, where it is easily accessible.
2. **Mounting:** Securely mount the monitor to the wall using the provided hardware.
3. **Wiring:** Connect the 4-wire cable from the outdoor doorbell to the indoor monitor. Connect the power adapter to the monitor and plug it into a standard AC outlet (AC 100-240V, 50/60Hz). The monitor operates on DC 12V, 2A.
4. **Network Connection:** The monitor supports 2.4G WiFi. After powering on, follow the on-screen prompts to connect the monitor to your home WiFi network. This is essential for TUYA app functionality.

4.3 TUYA App Setup

1. **Download App:** Download the "TuyaSmart" app from the App Store (iOS) or Google Play Store (Android).
2. **Register/Login:** Create a new account or log in to your existing TuyaSmart account.
3. **Add Device:** Follow the in-app instructions to add your ANJIELO SMART intercom system. Ensure your smartphone is connected to the same 2.4G WiFi network as the indoor monitor during the setup process.
4. **Pairing:** The app will guide you through the pairing process, which typically involves scanning a QR code displayed on the

monitor or entering a device ID.

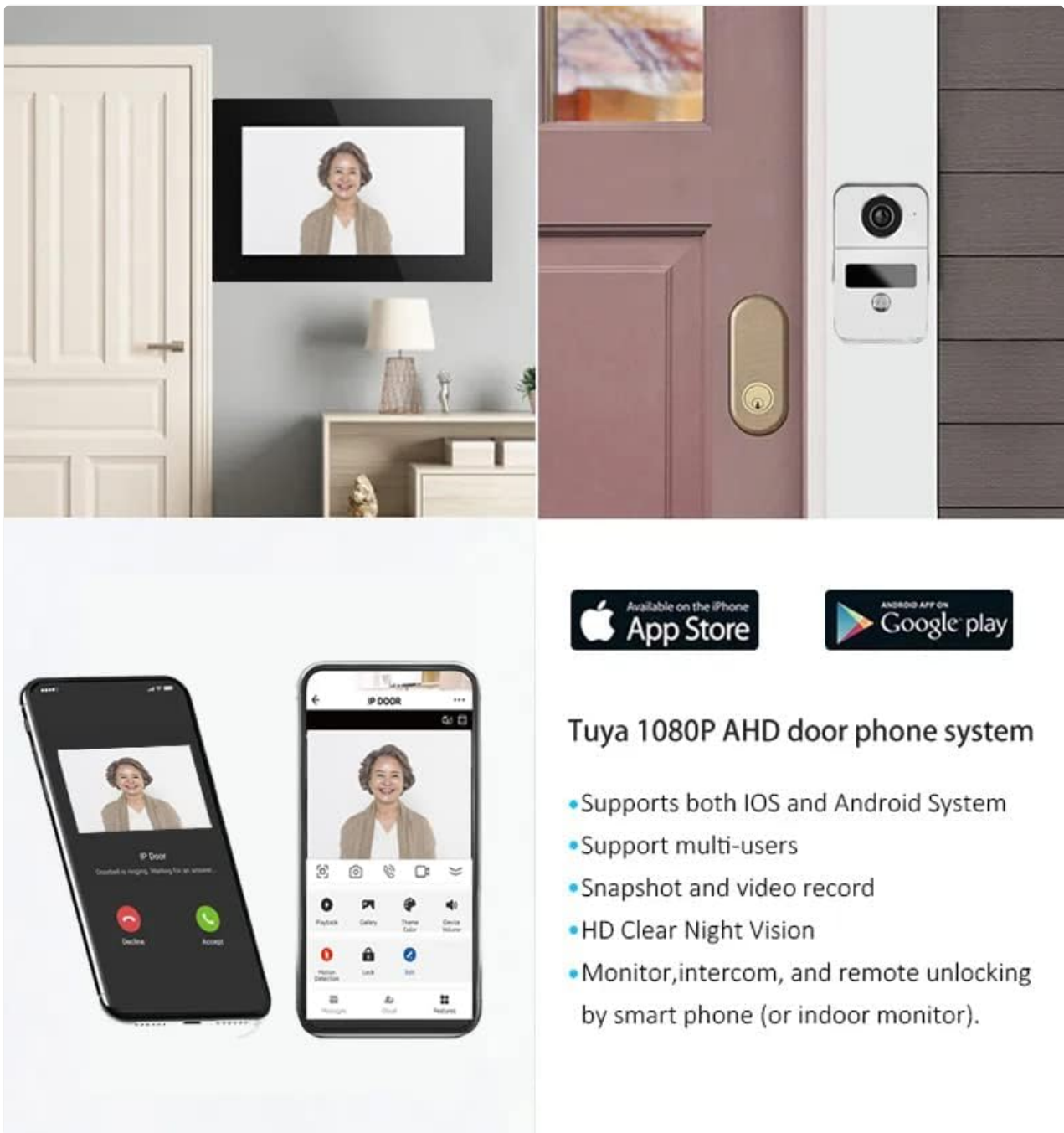


Figure 4.2: TuyaSmart App Interface. This image shows the mobile application interface for managing and interacting with the video intercom system.

5. OPERATING INSTRUCTIONS

This section details how to use your ANJIELO SMART video intercom system.

5.1 Indoor Monitor Functions

- **Live View:** Touch the screen to view the live feed from the outdoor doorbell camera.
- **Two-Way Communication:** When a visitor presses the doorbell, the monitor will ring. Answer the call to engage in two-way audio communication.
- **Unlocking:** Use the unlock icon on the monitor screen to remotely open an electronic lock connected to the system (12V electronic locks supported).
- **Settings:** Access the monitor's settings to adjust ringtones (7-chord melody rings), volume, display color, and other system preferences.

- **Recording Playback:** Review recorded videos and snapshots saved on the Micro SD card directly from the monitor.

5.2 Outdoor Doorbell Functions

- **Visitor Call:** Visitors press the doorbell button to initiate a call to the indoor monitor and your smartphone app.
- **ID Card Unlocking:** For doorbells equipped with an ID card reader, present a registered ID card to unlock the connected electronic lock.
- **Motion Detection:** The doorbell's built-in motion sensor detects movement and triggers automatic recording or snapshots, sending alerts to your smartphone.
- **Night Vision:** The camera automatically switches to IR night vision in low-light conditions.

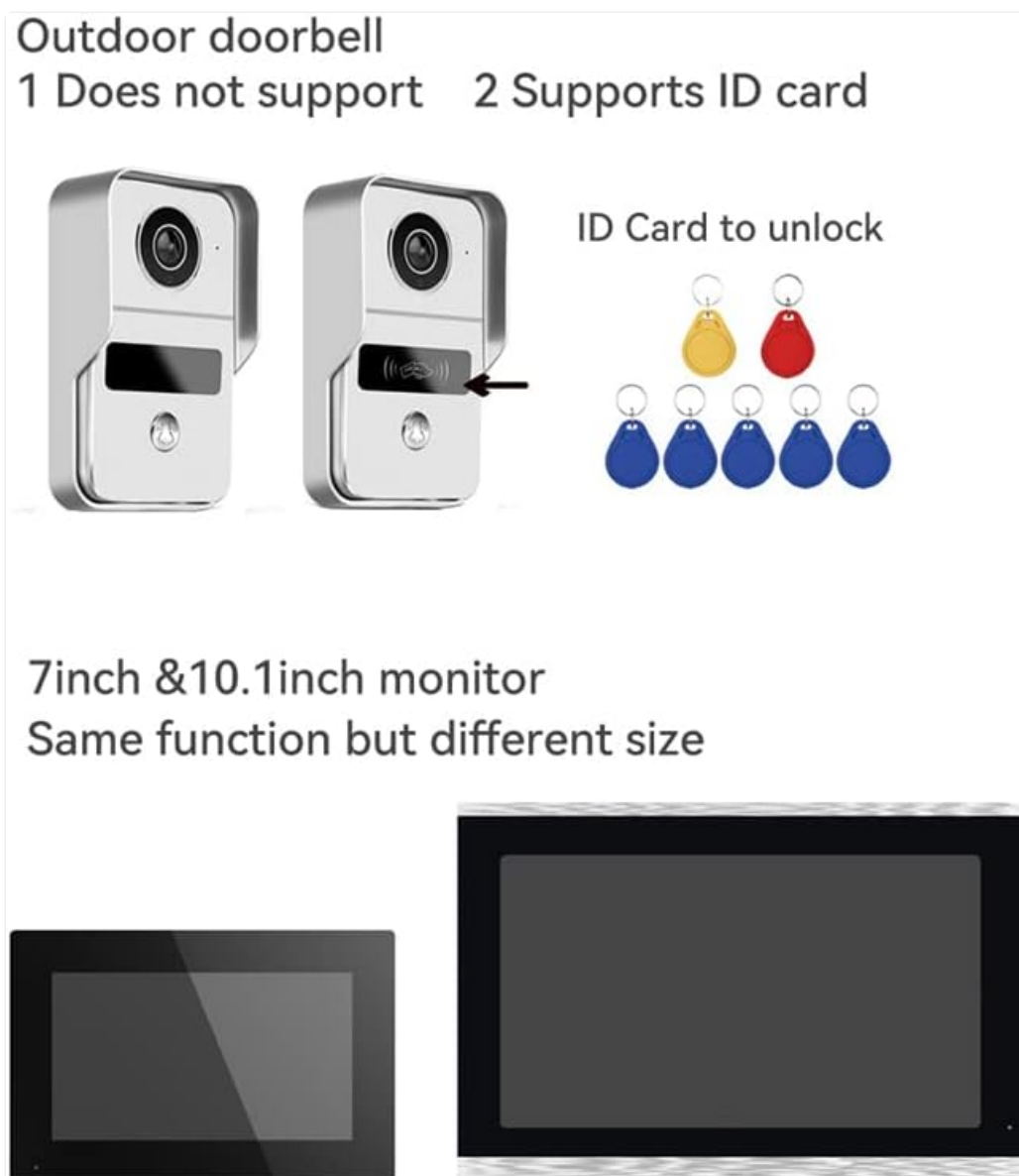


Figure 5.1: Doorbell with ID Card Function. This image shows an outdoor doorbell unit that supports unlocking via ID cards, along with a set of example ID cards.

5.3 TUYA App Remote Control

- **Remote Monitoring:** View the live camera feed from your doorbell anytime, anywhere via the TuyaSmart app.
- **Remote Communication:** Receive calls from visitors on your smartphone and engage in two-way audio communication.
- **Remote Unlocking:** Unlock your door remotely through the app.
- **Event Playback:** Access and review recorded videos and snapshots triggered by motion detection or doorbell presses.
- **Notifications:** Receive real-time push notifications for doorbell presses and motion detection events.

See, Speak, and Hear from Visitors



Figure 5.2: App Interaction with Visitors. This image demonstrates how users can see, speak to, and hear visitors through the mobile application when the doorbell is pressed.



Motion Detection

Motion sensors will notify you
when movement is detected

Figure 5.3: Motion Detection Alerts. This image shows how the mobile app displays notifications and recorded events when motion is detected by the doorbell camera.

6. MAINTENANCE

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

- **Cleaning:**

- Wipe the indoor monitor screen and body with a soft, dry, or slightly damp cloth. Avoid abrasive cleaners.
- Clean the outdoor doorbell camera lens and surrounding area regularly to prevent dust and dirt buildup from obstructing the view. Use a soft cloth.

- **Wiring Check:** Periodically inspect all wired connections for any signs of wear, damage, or loose connections.

- **Software Updates:** Check the TuyaSmart app or the monitor's settings for available firmware updates to ensure you have the latest features and security enhancements.

- **SD Card Management:** Regularly back up important recordings from the Micro SD card and format it periodically to

maintain optimal recording performance.

7. TROUBLESHOOTING

If you encounter issues with your system, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No image on indoor monitor.	- Power not connected. - Loose 4-wire connection. - Faulty doorbell or monitor.	- Ensure monitor is plugged in and powered on. - Check all 4-wire connections between doorbell and monitor. - Contact customer support if problem persists.
No audio during communication.	- Microphone/speaker issues. - Volume settings too low.	- Check volume settings on the monitor and app. - Ensure nothing is obstructing the microphone or speaker on both units.
Cannot connect to TuyaSmart app.	- Incorrect WiFi password. - Monitor not connected to 2.4G WiFi. - Router issues.	- Verify WiFi password. - Ensure your router is broadcasting a 2.4G WiFi signal and the monitor is connected to it. - Restart your router and try connecting again.
Motion detection not working.	- Settings disabled. - SD card full or faulty. - Environmental factors.	- Check motion detection settings in the monitor and app. - Ensure the 32GB Micro SD card is properly inserted and has free space. Format if necessary. - Adjust doorbell placement to avoid false triggers or missed events.

8. SPECIFICATIONS

Detailed technical specifications for the ANJIELO SMART AHD10-1V1 system:

Feature	Detail
Brand	ANJIELO SMART
Model Name	AHD10-1V1
Connectivity Technology	Wireless (Wi-Fi for app), Wired (4-wire for intercom)
Compatible Devices	Smartphone (iOS/Android)
Power Source	Corded Electric (AC 100-240V, 50/60Hz to DC 12V, 2A)
Mount Type	Wall Mount (Surface mounting)
Enclosure Material	Aluminum (Outdoor Doorbell)
Alert Type	Motion Only

Feature	Detail
Waterproof Rating	IP65 (Outdoor Doorbell)
Photo Sensor Resolution	2 MP (1080P)
Control Method	Touch (Monitor), App (Smartphone)
Wireless Technology	Wi-Fi (2.4G only)
Video Capture Resolution	1080p
Field Of View	140 Degrees
Indoor Monitor Screen	10 inch TFT-LCD touch screen, 1024 x 680 resolution
Indoor Monitor Dimensions	198x130x21 mm (7.8x5.1x0.8 inch)
Outdoor Doorbell Dimensions	145x93x39 mm (5.7x3.6x1.5 inch)
Included Storage	32GB Micro SD card

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact ANJIELO SMART customer service directly. Keep your purchase receipt as proof of purchase. You can typically find contact information on the manufacturer's official website or through your point of purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question