

AMOCAM 352-505-SR

AMOCAM Wireless Video Doorbell Intercom System User Manual

Model: 352-505-SR

[Contents](#) [Setup](#) [Operation](#) [Introduction](#) [Package](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your AMOCAM Wireless Video Doorbell Intercom System. This system includes a 1080P HD metal camera doorbell and a 7-inch monitor with a 32GB SD card for recording. It supports 2.4G WiFi connectivity and integrates with the Tuya APP for remote access and control.

2. PACKAGE CONTENTS

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

- 1x 1080P HD Metal Doorbell Camera (IP65 rated)
- 1x 7-inch TFT Touch WiFi Monitor
- 1x 32GB Micro SD Card (pre-installed in monitor)
- 1x Power Adapter for Monitor
- Mounting Screws and Wall Plugs
- Wiring Harnesses
- User Manual (this document)



Figure 2.1: System components including the doorbell, indoor monitor, smartphone interface, and a 32GB SD card.

3. SETUP AND INSTALLATION

3.1 Wiring the System

The doorbell camera connects to the indoor monitor using an RVV4 cable or Ethernet cable (up to 300 ft). The indoor monitor powers the doorbell, eliminating the need for separate doorbell batteries. Ensure all connections are secure before powering on the system.



Figure 3.1: Wiring connections for the doorbell, monitor, optional electric lock, and WiFi router.

3.2 Mounting the Doorbell Camera

The doorbell camera is designed for wall mounting and features an IP65 waterproof rating with a rain cover. Select a suitable location at your entrance, ensuring clear visibility and protection from direct heavy rain if possible. Use the provided screws and wall plugs for secure installation.

Never miss another visitor

Real-time video / Two-way audio



Figure 3.2: Doorbell camera dimensions and component identification, including built-in mic, 2MP HD lens, IR lights, doorbell button, and speaker.

3.3 Indoor Monitor Placement

Install the 7-inch TFT touch monitor indoors in a convenient location. Ensure it is within range of your 2.4G WiFi network for optimal performance with the Tuya APP. The monitor supports wall mounting.



Figure 3.3: Indoor monitor dimensions and key features like the 7-inch touch screen and built-in microphone.

3.4 Tuya APP Connection

The monitor supports 2.4G WiFi connectivity. Download the Tuya APP from your smartphone's app store (Google Play or Apple App Store). Follow the in-app instructions to add the monitor to your account. This enables remote communication, unlocking, and notifications.



Figure 3.4: System connectivity with 2.4G WiFi and Tuya APP for remote access.

4. OPERATION

4.1 Answering a Visitor

When a visitor presses the doorbell, both the indoor monitor and your smartphone (via Tuya APP) will ring. You can answer the call from either device. The system provides two-way audio for communication.



Figure 4.1: Simultaneous ringing on the indoor monitor and smartphone when a visitor arrives.

4.2 Two-Way Audio and Remote Unlock

Engage in real-time conversation with visitors using the built-in microphone and speaker on both the doorbell and monitor. If an electronic lock is connected, you can remotely unlock the door via the indoor monitor or the Tuya APP.

IP65 Waterproof, IR Night Vision

Aluminum alloy doorbell with rainproof cover
Infrared light automatically for night vision



Figure 4.2: The 7-inch TFT display monitor interface showing various functions.

4.3 Recording and Motion Detection

The system records video to the 32GB micro SD card (smart loop storage) when the doorbell is rung or motion is detected. Notifications are sent to your mobile phone via the Tuya APP.

4.4 Night Vision

The doorbell features 6-IR LEDs that automatically activate for night vision, providing clear visibility of visitors in low-light conditions.



You can see, hear and talk to anyone at your door even remote intercom unlock via your phone in anywhere



Figure 4.3: IP65 waterproof doorbell with IR night vision capability.

5. MAINTENANCE

5.1 Cleaning

Wipe the doorbell camera and indoor monitor with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the camera lens is clean for optimal image quality.

5.2 Firmware Updates

Periodically check the Tuya APP for available firmware updates for your system. Keeping the firmware updated ensures optimal performance and security.

5.3 SD Card Management

The system uses smart loop storage on the 32GB micro SD card. Regularly review recorded footage and back up important clips. If the card becomes full, older recordings will be overwritten.

6. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---|---|---|
| No image on monitor/app | Loose wiring; Power issue; Camera malfunction. | Check all cable connections. Ensure monitor is powered. Restart the system. |
| No sound during two-way audio | Microphone/speaker blocked; Volume too low; Connection issue. | Check for obstructions. Adjust volume settings on monitor/app. Verify wiring. |
| Tuya APP not receiving notifications | Monitor not connected to 2.4G WiFi; App notification settings disabled; Poor WiFi signal. | Ensure monitor is connected to 2.4G WiFi. Check app notification permissions. Improve WiFi signal strength. |
| Doorbell rings without visitor (false alarms) | Motion detection sensitivity too high; Environmental factors (e.g., moving branches). | Adjust motion detection sensitivity in monitor settings or Tuya APP. |
| Cannot unlock door remotely | Electric lock not properly connected; Lock malfunction; System communication error. | Verify electric lock wiring. Test the lock manually. Restart the system. |

7. SPECIFICATIONS

- Brand:** AMOCAM
- Model Number:** 352-505-SR
- Connectivity Protocol:** Wi-Fi (2.4G only)
- Video Capture Resolution:** 1080p
- Doorbell IP Rating:** IP65 (Waterproof)
- Monitor Size:** 7-inch TFT Touch Screen
- Storage:** 32GB Micro SD Card (included)
- Audio:** Two-way audio
- Night Vision:** 6-IR LED automatic activation
- Power Source:** Indoor monitor powered, no doorbell batteries required
- Dimensions (Doorbell):** Approximately 5.2" H x 2.4" W x 1.0" D
- Dimensions (Monitor):** Approximately 5.0" H x 7.9" W
- Compatible App:** Tuya APP
- Operating Voltage:** 240 Volts (for power adapter)
- Item Weight:** 2.01 pounds (total system)

8. WARRANTY AND SUPPORT

8.1 Warranty Information

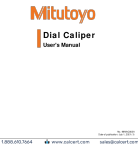

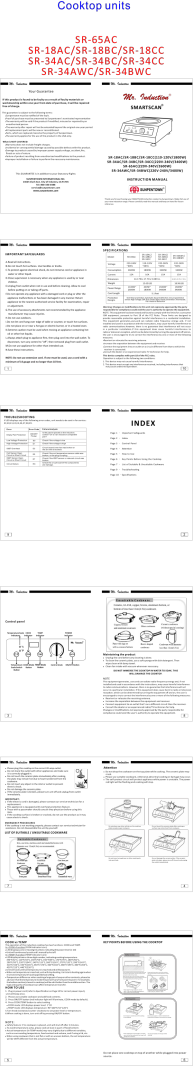
AMOCAM Technology Inc. provides after-sales support and services. Specific warranty details may vary; please refer to your purchase documentation or contact AMOCAM customer service for precise warranty terms.




8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact AMOCAM customer support. You can find contact information on the official AMOCAM website or through your retailer.

AMOCAM Technology Inc. is committed to protecting your privacy and ensuring data security.

Related Documents - 352-505-SR

| | |
|---|--|
|  | <p>Mitutoyo Dial Caliper User's Manual</p> <p>Comprehensive user's manual for Mitutoyo Dial Calipers, covering safety precautions, component identification, product applications, usage instructions, measurement methods, reading techniques, zero point adjustment, and permissible error specifications. Features model numbers from the 505 series.</p> |
|  | <p>Sundström Safety Filter User Manual: Types, Applications, and Safe Use</p> <p>Comprehensive user manual for Sundström Safety filters, detailing types, applications, safe usage, storage, and maintenance for respiratory protection in various environments. Includes information on gas filters, particle filters, and combination filters for SR 500, SR 500 EX, and SR 700 fan units.</p> |
|  | <p>Sunpentown SMARTSCAN Induction Cooker User Manual & Specifications</p> <p>Comprehensive instruction manual for Sunpentown SMARTSCAN induction cookers, covering models SR-65AC, SR-18AC, SR-18BC, SR-18CC, SR-34AC, SR-34BC, SR-34CC, SR-34AWC, and SR-34BWC. Includes safety guidelines, operation instructions, troubleshooting, and specifications.</p> |

| | |
|--|---|
|  | <p>Hellberg Xstream Bluetooth Hearing Protection User Manual and Technical Data</p> <p>User manual and technical specifications for Hellberg Xstream Bluetooth hearing protection (headband and helmet mount models). Covers parts, accessories, fitting, adjustment, hygiene kit replacement, Bluetooth operation, technical data, and approved helmet compatibility.</p> |
|  | <p>Sunricher DALI Lighting Control Expert - Comprehensive Product Catalog</p> <p>Explore Sunricher's extensive range of DALI lighting control solutions, including LED controllers, drivers, dimmers, relays, sensors, gateways, and panels. This catalog details DALI-2 and D4i certified products for commercial, industrial, and smart home applications, highlighting features, specifications, and connectivity options.</p> |
|  | <p>La-Z-Boy Rialto Series and Recliner Catalog</p> <p>Discover the La-Z-Boy Rialto Series and a wide range of manual and power recliners, lift chairs, loveseats, and sofas. Explore features, models, and dimensions for ultimate comfort and quality.</p> |