

## SOIJAMAO WIFI-GSM-4G

# SOIJAMAO WiFi and 4G GSM Home Security Alarm System User Manual

Model: WIFI-GSM-4G

## 1. INTRODUCTION

Thank you for choosing the SOIJAMAO WiFi and 4G GSM Home Security Alarm System. This advanced security system provides comprehensive protection for your home or business, utilizing both WiFi and 4G GSM networks for reliable communication. It features a user-friendly interface, smart app integration, and compatibility with popular voice assistants like Google Assistant and Alexa. This manual will guide you through the setup, operation, and maintenance of your new security system.

## 2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x Main Alarm Panel (Control Host)
- 7 x Door/Window Sensors
- 3 x Motion Detectors
- 2 x Remote Controls
- 2 x RFID Tags
- 1 x Power Adapter
- 1 x User Manual

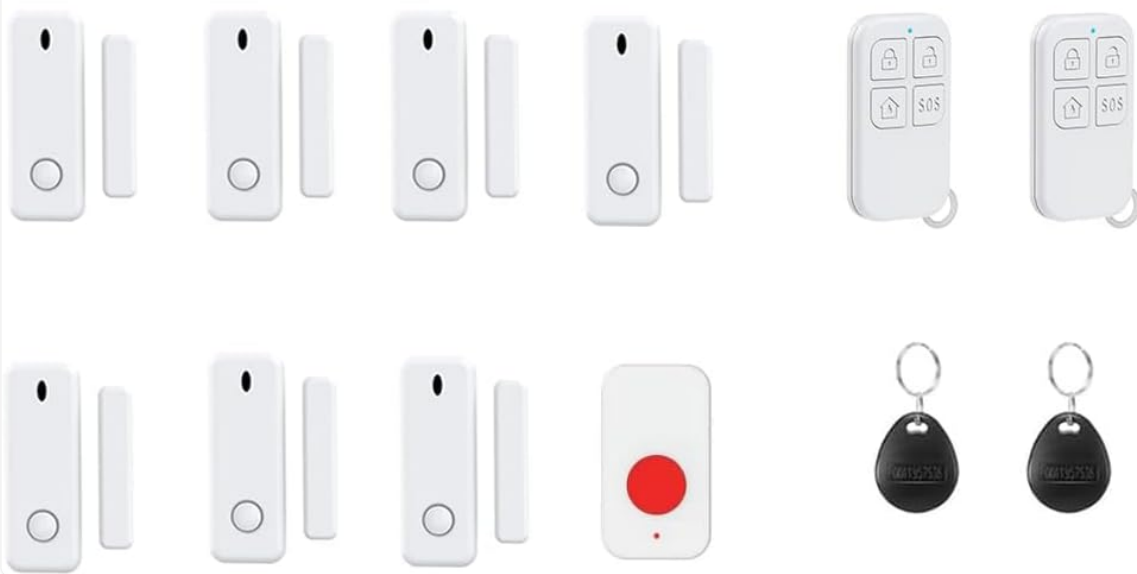


Figure 2.1: Overview of included components.



Figure 2.2: Detailed view of the main alarm panel features.

## 3. SETUP GUIDE

### 3.1 Powering On the Main Panel

1. Connect the provided power adapter to the main alarm panel and plug it into a standard electrical outlet.
2. The panel has a built-in lithium polymer battery for backup power, providing approximately 1 hour and 30 minutes of operation during a power outage.

### 3.2 Network Connection (WiFi & 4G GSM)

The system supports dual network connectivity for enhanced reliability.

- **WiFi Connection:** Download the Smart Life or Tuya Smart app from your mobile app store. Follow the in-app instructions to connect the alarm panel to your home WiFi network. This enables app control and push notifications.
- **4G GSM Connection:** For SMS text messages and phone call alerts, insert a compatible 4G SIM card (not included) into the designated slot on the main panel. Ensure the SIM card is activated and has sufficient credit/data.



Figure 3.1: Dual network connectivity and smart home integration.

**NOTIFICATIONS VIA SMART LIFE APP OR AUTO CALL  
(NEED INSTALL SIM CARD, SIM CARD NOT INCLUDED)**

**Alarm events**  
Front Door Alarm...

Figure 3.2: Notification methods via app or call.

### 3.3 Sensor Installation and Pairing

Install the door/window sensors and motion detectors in strategic locations throughout your property.

- **Door/Window Sensors:** Mount the two parts of each sensor on the door/window frame and the door/window itself, ensuring they are aligned and within 1 cm of each other when closed. These sensors feature a long-range signal, covering up to 2,000 sq. ft.
- **Motion Detectors:** Place motion detectors in corners or areas with high traffic, ensuring a clear line of sight. They are designed to be small, light, and easy to install, providing accurate detection.
- **Pairing:** Refer to the detailed instructions in the Smart Life/Tuya app or the panel's menu for pairing each sensor and remote control with the main alarm panel. Each device will have a unique ID for registration.



Figure 3.3: Door sensor with long-range signal.



Figure 3.4: Motion detector features.

## 4. OPERATING THE SYSTEM

### 4.1 Arming and Disarming

The system can be armed or disarmed using multiple methods:

- **Keypad:** Enter your passcode on the main panel's keypad and press the arm/disarm button.
- **Remote Control:** Use the dedicated arm/disarm buttons on the provided remote controls.
- **Smart Life/Tuya App:** Control the system remotely from your smartphone via the app.
- **Scheduled Arm/Disarm:** Set up automated arming and disarming schedules through the app or panel settings for convenience.
- **RFID Tag:** Tap an authorized RFID tag on the panel's RFID reader to quickly arm or disarm the system.

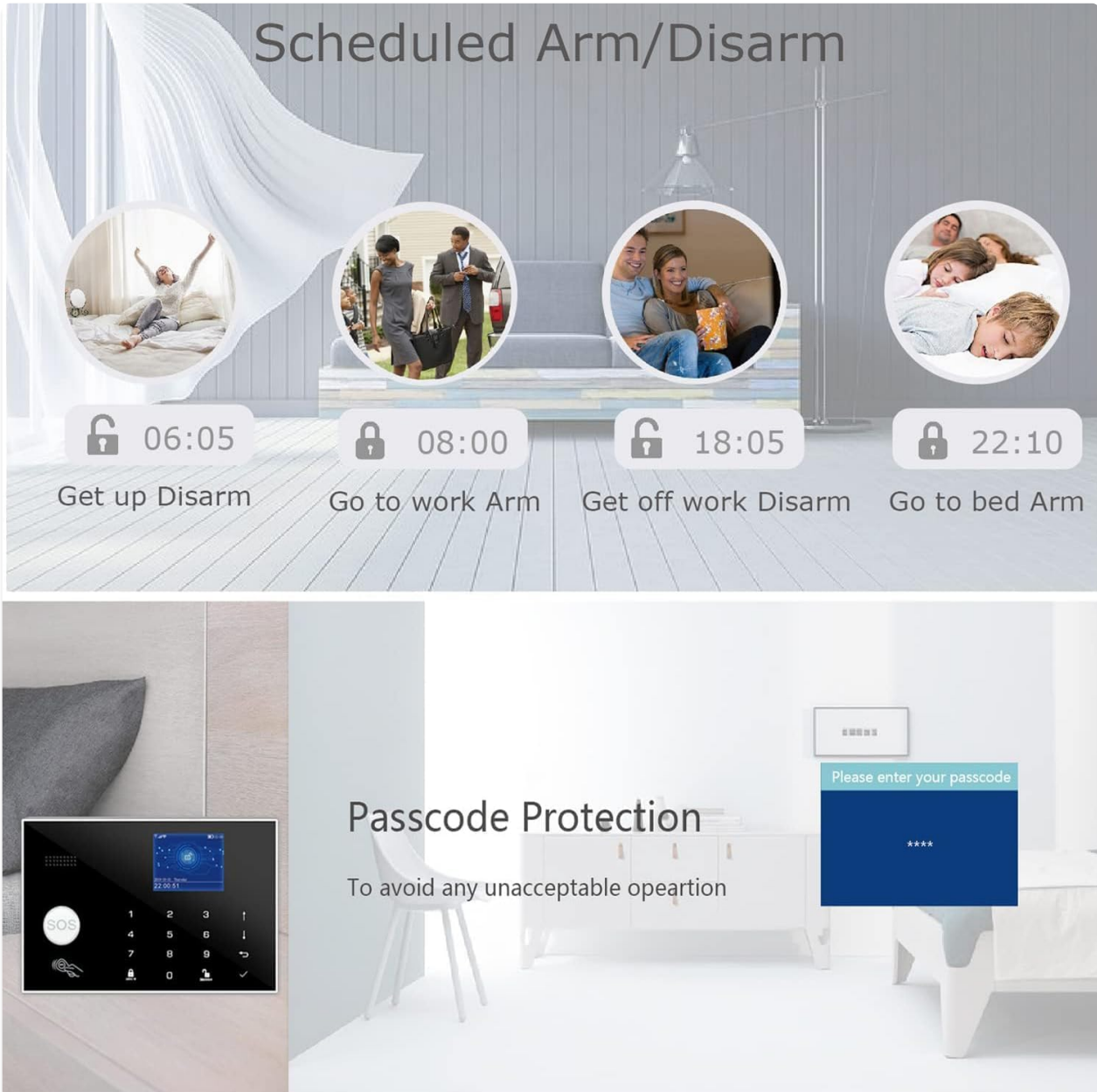


Figure 4.1: Scheduled arm/disarm and passcode protection.

## 4.2 Passcode Protection

To prevent unauthorized operation, ensure a strong passcode is set for the main panel. This passcode is required for manual arming/disarming and accessing system settings.

## 4.3 SOS Function

In case of an emergency, press the SOS button on the main panel or remote control. This will immediately trigger the alarm and send emergency notifications to pre-programmed contacts.

## 4.4 Voice Control Integration

The system is compatible with Amazon Alexa and Google Assistant, allowing for convenient voice commands to arm or disarm your system.

- Enable the Smart Life or Tuya Smart skill/action in your Alexa or Google Home app.
- Follow the on-screen instructions to link your SOUJAMAO alarm system.
- Example commands: "Alexa, arm the security system" or "Hey Google, disarm the alarm."



Figure 4.2: Alexa voice control for the alarm system.

## 4.5 Alarm Activation


When an armed sensor is triggered (e.g., a door/window opens, motion is detected), the system will:

- Sound a loud siren (over 120 decibels) to deter intruders.
- Send instant push notifications to your smartphone via the Smart Life/Tuya app.
- If a SIM card is installed, it will send SMS text messages and/or make phone calls to pre-programmed emergency numbers.

# SCARING AWAY INTRUDERS

Sound an alarm of over 120 decibels  
when an intruder enters



 TUYASMART

**ALERT:**  
Ground Floor:Alarming Living room



Figure 4.3: Intruder deterrence and alert system.



Figure 4.4: The system's loud siren.

## 5. MAINTENANCE

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

- **Battery Replacement:** Sensors and remote controls are battery-powered. Replace batteries as indicated by the system's low battery alerts or approximately once a year for optimal performance.
- **Cleaning:** Gently wipe the main panel and sensors with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **System Checks:** Periodically test your system by intentionally triggering a sensor (e.g., opening an armed door) to ensure the alarm sounds and notifications are received.
- **Firmware Updates:** Check the Smart Life/Tuya app regularly for any available firmware updates for the main panel to ensure you have the latest features and security enhancements.

## 6. TROUBLESHOOTING

If you encounter any issues with your SOUJAMAO security system, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Alarm triggers randomly or false alarms.	Improper sensor placement, low sensor battery, environmental factors (e.g., pets for motion sensors).	Check sensor placement and sensitivity settings. Replace sensor batteries. Ensure motion detectors are not aimed at heat sources or areas with pets.
No signal or notification when a sensor is triggered.	Sensor battery low/dead, sensor out of range, WiFi/GSM network issue, app notification settings.	Replace sensor batteries. Ensure sensors are within range of the main panel. Verify WiFi connection and 4G GSM signal strength. Check app notification permissions on your smartphone.
Keypad does not lock or requires no passcode to disarm.	Passcode protection not enabled or incorrectly configured.	Access the system settings via the main panel or Smart Life/Tuya app to ensure passcode protection is enabled and correctly set up.
SIM card not supported or no GSM alerts.	Incompatible SIM card, regional network differences, SIM not activated.	Ensure you are using a compatible 4G SIM card. Verify SIM card activation and sufficient balance with your mobile carrier. Check regional compatibility for 4G bands.
Power cable is too short.	Standard cable length may not suit all installations.	Consider using a certified extension cord or relocating the main panel closer to an available power outlet.

If the problem persists after attempting these solutions, please contact SOUJAMAO customer support for further assistance.

## 7. SPECIFICATIONS

Feature	Detail
Brand	SOUJAMAO
Model Number	WIFI-GSM-4G
Dimensions (L x W x H)	7 x 2 x 4 inches
Item Weight	2.1 pounds
Control Method	Touch
Battery Cell Composition	Lithium Polymer
Battery Life (Main Panel)	Approx. 1.5 hours (backup)
Battery Life (Sensors)	Approx. 1 year
UPC	616054468309
Manufacturer	changsha smart-live inc

## 8. WARRANTY AND SUPPORT

**Warranty:** Please refer to the manufacturer's website or your purchase documentation for detailed warranty information regarding your SOUJAMAO Home Security Alarm System.

**Customer Support:** For technical assistance, troubleshooting beyond this manual, or any product-related inquiries, please contact SOUJAMAO customer service through the contact information provided with your product or on the official SOUJAMAO website.