

LWOHSI A108F-US-A

LWOHSI A108F-US-A Home Security Alarm System User Manual

Your comprehensive guide to setting up, operating, and maintaining your LWOHSI security system.

1. OVERVIEW

The LWOHSI A108F-US-A is an advanced WiFi+GSM 4G DIY alarm system designed to provide robust security for your home, apartment, or office. It features a central control panel that connects wirelessly to various sensors and accessories, offering real-time alerts via phone app, SMS, and voice monitoring. The system is compatible with smart home platforms like Amazon Alexa and Google Assistant for convenient voice control.



Figure 1: LWOHSI A108F-US-A Alarm System Kit Components

The kit typically includes:

- **Main Control Panel:** The central hub with a 4.3-inch TFT colorful display screen, touch keypad, SOS button, and RFID sensing area.
- **Door/Window Sensors:** Detect opening and closing of entry points.
- **PIR Motion Sensor:** Detects movement within a designated area.
- **Remote Controls:** For convenient arming and disarming.
- **RFID Tags:** For quick disarming by tapping the control panel.
- **Power Adapter:** For powering the main control panel.

2. SETUP AND INSTALLATION

2.1 Host Unit Overview

The main control panel is the brain of your security system. It features a user-friendly interface for managing all connected devices and settings.

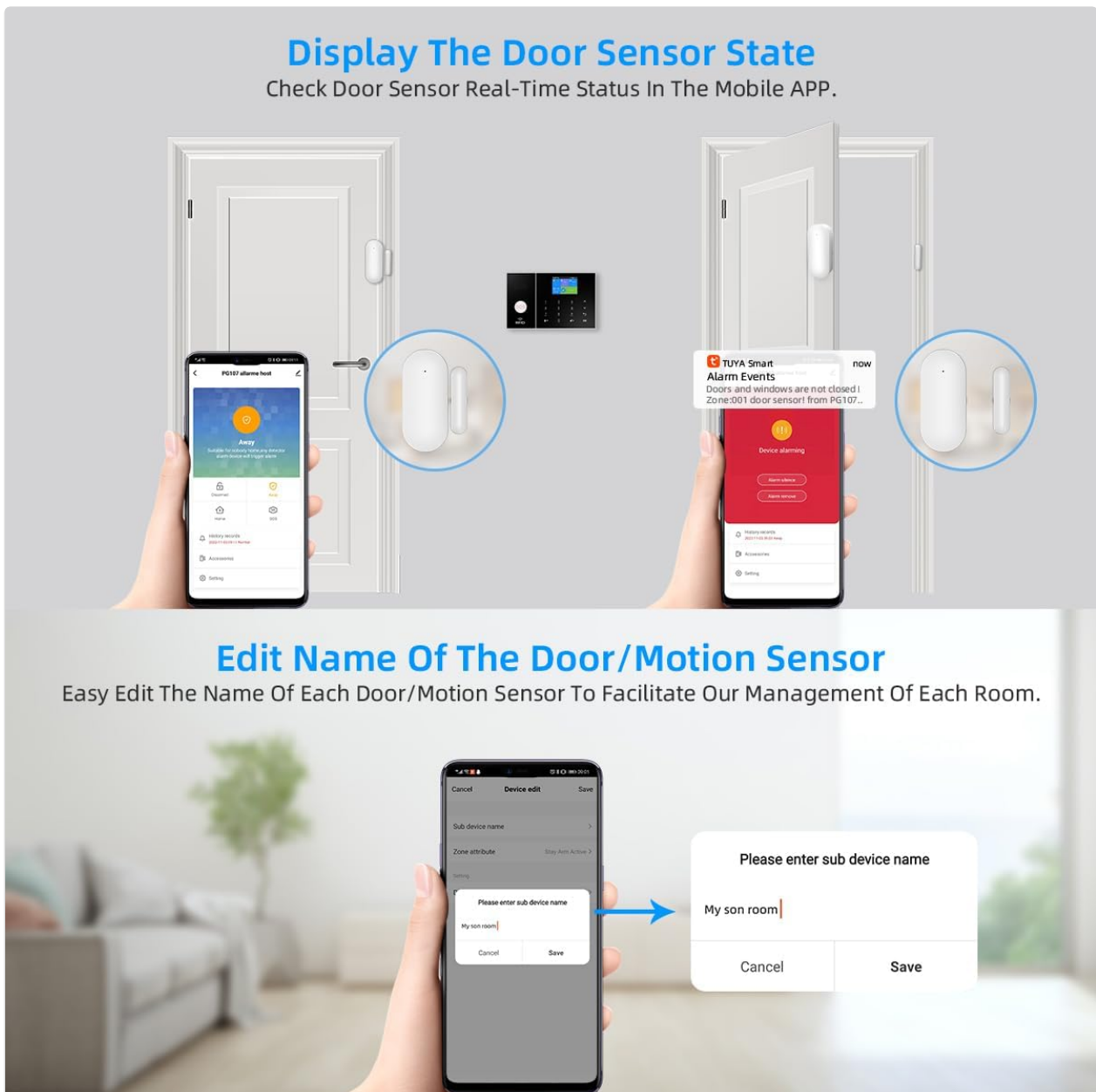


Figure 2: Main Control Panel Features

The panel includes a speaker for audio alerts, an SOS button for emergency calls, and an RFID sensing area for quick disarming with RFID tags. The rear of the unit provides installation points, a SIM card slot, audio port, power button, and USB interface.

Video 1: PG108 Connection Operation Overview. This video provides a general introduction to the host unit and its physical features.

2.2 Inserting the SIM Card

The alarm system supports 4G GSM communication. To enable SMS and voice call alerts, insert a compatible SIM card into the main control panel.



Figure 3: SIM Card Insertion Guide

1. Ensure the main control panel is powered off.
2. Locate the SIM card slot on the back of the panel.
3. Insert the SIM card with the chip facing upwards and the notched corner facing outwards.
4. Gently press the SIM card until it clicks into place.
5. Connect the power cable and turn on the device.

Video 2: SIM Card Insertion. This video demonstrates the correct way to insert the SIM card into the alarm host.

2.3 Initial Configuration: Language and Time

Upon first use or after a reset, you may need to set the system language and time.

1. From the main menu, navigate to **Settings**.
2. Select **Language** and choose your preferred language (e.g., English).
3. Return to the main menu, then go to **Timer**.
4. Select **Date & Time** to adjust the current date and time settings.

Video 3: Setting Language and Time. This video guides you through setting the system's language and current time.

2.4 Setting Keypad Lock

To prevent unauthorized access to your alarm system's settings, you can enable a keypad lock.

1. From the main menu, navigate to **Settings**.
2. Select **Password**. The system has a default system password (6666) and a user password (1234), which can be customized.
3. Select **Switch**, then choose **Keypad Lock**.

4. Toggle the keypad lock to **ON**. You will need to enter the corresponding setting password to confirm.
5. If you do not require the keypad lock, you can turn it off. The keypad lock will take effect after restarting the device.

Video 4: Keypad Lock Setup. This video demonstrates how to enable and manage the keypad lock feature.

2.5 Network Configuration (WiFi)

Connect your alarm system to your home WiFi network for app control and push notifications. Ensure your WiFi is 2.4GHz.



4.3-inch TFT colorful display screen

Multi-function, such as APP notification, SMS notification voice intercom etc

Figure 4: Mobile App Device Management

1. On the main control panel, navigate to **Menu > Wi-Fi > Air Link Configure**.
2. On your mobile phone, ensure **WiFi (2.4GHz)** is enabled and **Bluetooth** is turned off.
3. Open the **Smart Life APP**. Tap the '+' icon in the upper right corner to **Add Device**.
4. Select **Sensors**, then **Alarm (Wi-Fi)**.
5. Enter your 2.4GHz WiFi network name and password.
6. Follow the on-screen prompts to reset the device and confirm the indicator is blinking quickly.
7. The app will connect to the device. Once connected, the device will be added to your app.

Video 5: Network Connection Tutorial. This video provides a detailed guide on connecting your alarm system to your WiFi network.

2.6 Pairing Accessories

The system supports various wireless accessories. Follow these steps to pair them with the main control panel.

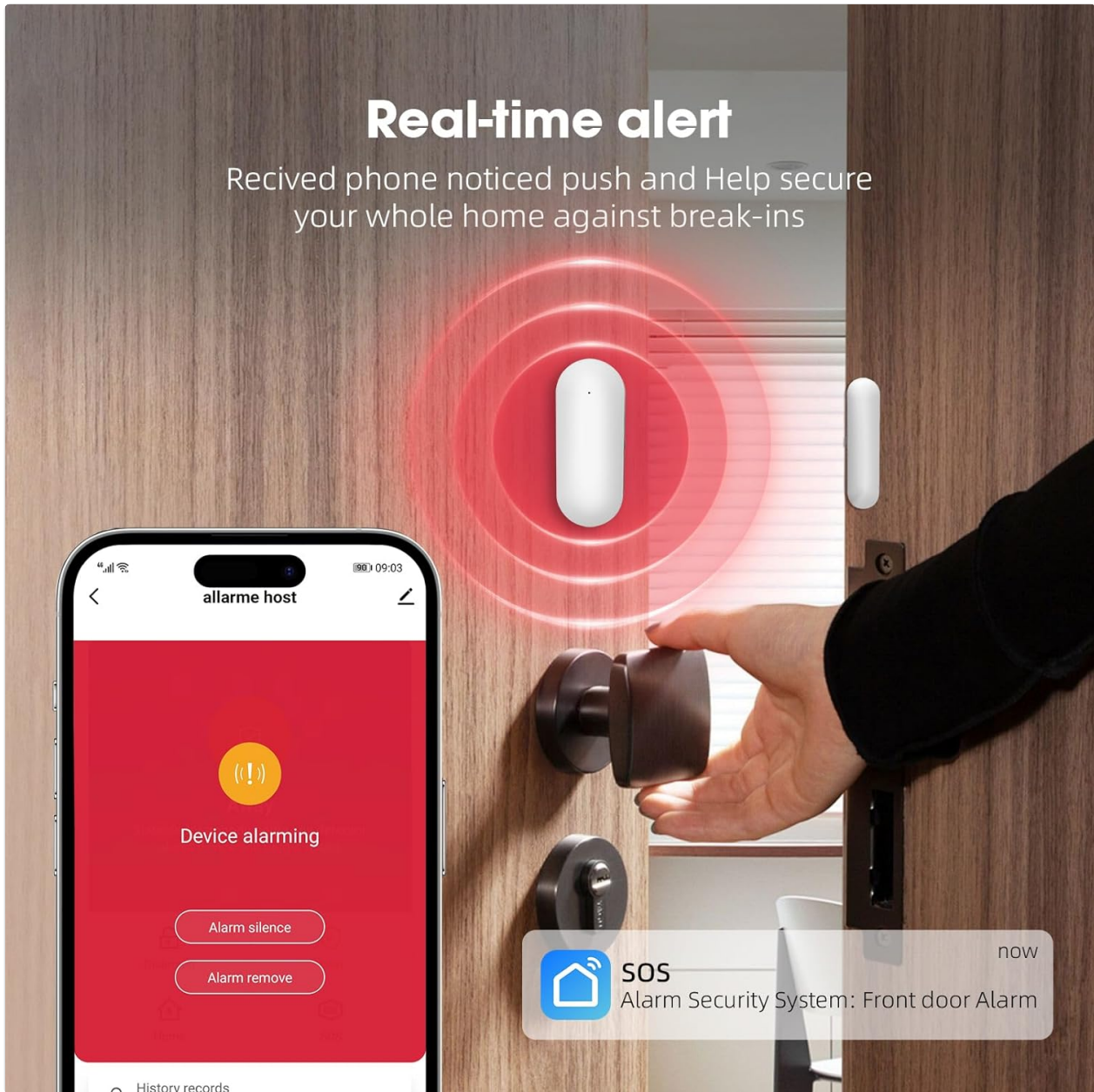


Figure 5: PIR Motion Sensor

5 preset alarm calls no missing any alarm information

When the host dials an alarm and encounters busy line, it will dial the next reserved number. Do not miss every alarm notification

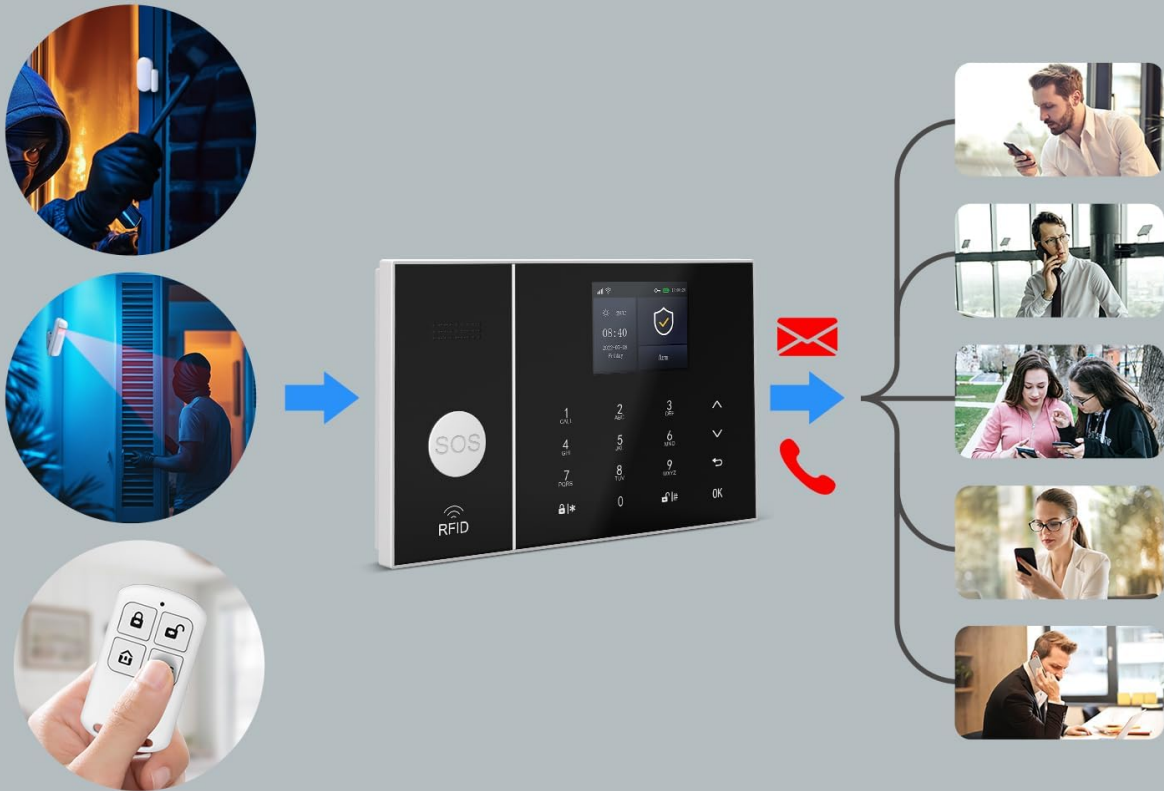


Figure 6: Door/Window Sensor

Support Alexa voice control



Figure 7: SOS Emergency Button

Support 11 Languages Switched Freely

Support Multi-Language Menu Display, Voice Operation Prompts And Alarm SMS Settings

11

Languages Optional:

Chinese, English, German, Russian, Spanish, Polish, Italian, French, Portuguese, Greek, Romanian

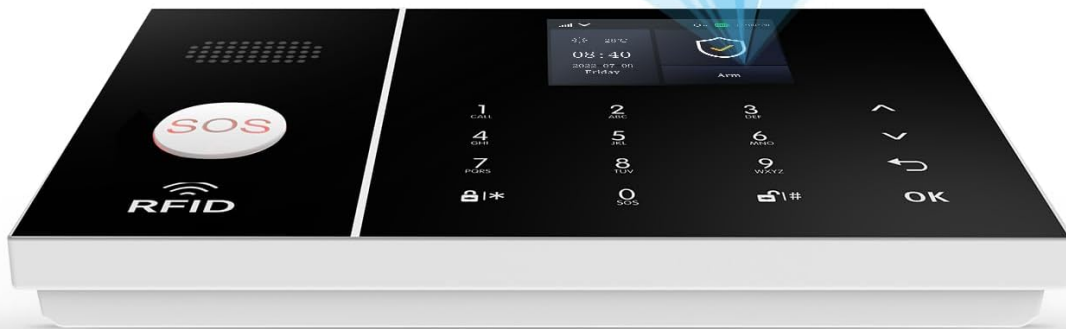


Figure 8: Wireless Siren

1. On the main control panel, navigate to **Menu > Parts**.
2. Select the type of accessory you want to pair (e.g., **Detector** for PIR/Door Sensor, **Remote** for remote controls, **RFID** for RFID tags, **Siren Learn** for siren).
3. Select **Add**.
4. For detectors (PIR, Door/Window): Select the desired alarm type (e.g., System Alarm, Stay Arm Active). Trigger the detector (e.g., move in front of PIR, separate door sensor). The panel will confirm successful pairing.
5. For remote controls: Press any button on the remote control. The panel will confirm successful pairing.
6. For RFID tags: Place the RFID tag on the RFID sensing area of the control panel. The panel will confirm successful pairing.
7. For SOS button: Select Panic Alarm and 24 Hours Active. Press the SOS button. The panel will confirm successful pairing.
8. For smoke/gas detectors: Select Gas Alarm and 24 Hours Active. Press and hold the smoke button. The panel will confirm successful pairing.
9. For siren: Turn on the siren switch. Long press the button on the siren until you hear three beeps. The panel will confirm successful pairing.

Video 6: Accessory Linkage Operation. This video demonstrates how to pair various accessories with your alarm system.

3. OPERATING THE SYSTEM

3.1 Arming and Disarming

You can arm and disarm your security system using various methods:

- **Keypad:** Enter your user password on the control panel and select Arm or Disarm.
- **Remote Control:** Press the arm or disarm button on your remote control.
- **RFID Tag:** Tap your RFID tag on the RFID sensing area of the control panel to disarm.
- **Mobile App:** Use the Smart Life APP to remotely arm or disarm the system.
- **Voice Control:** Integrate with Amazon Alexa or Google Assistant for voice commands (e.g., "Alexa, arm my home!").



Figure 9: Voice Control with Alexa

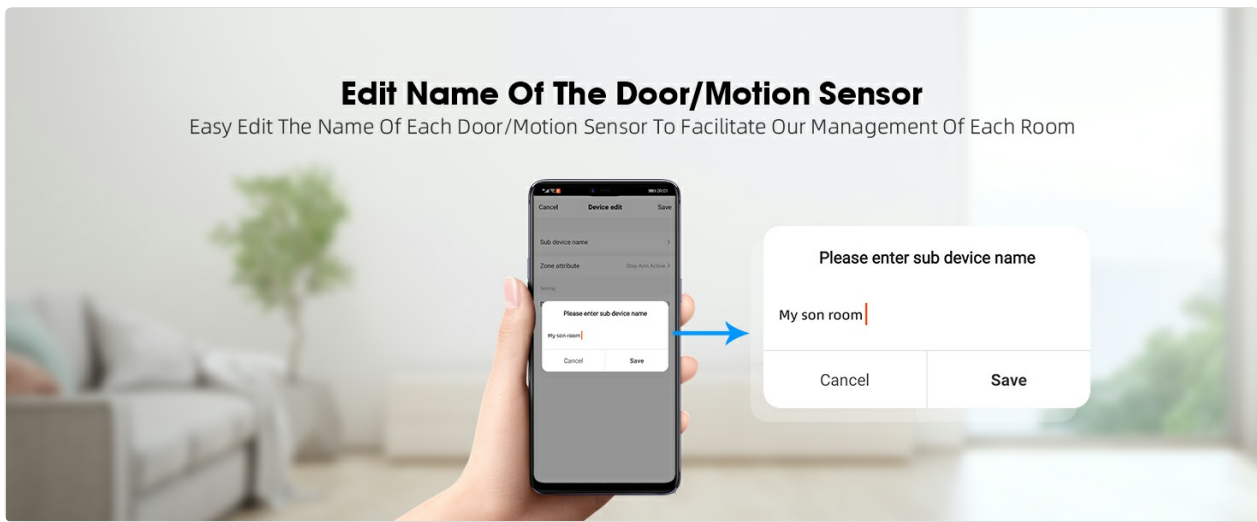


Figure 10: Alexa Voice Control Functionality

3.2 Setting Up Alarm Calls and Text Messages

Configure emergency contacts to receive calls and SMS alerts when the alarm is triggered.

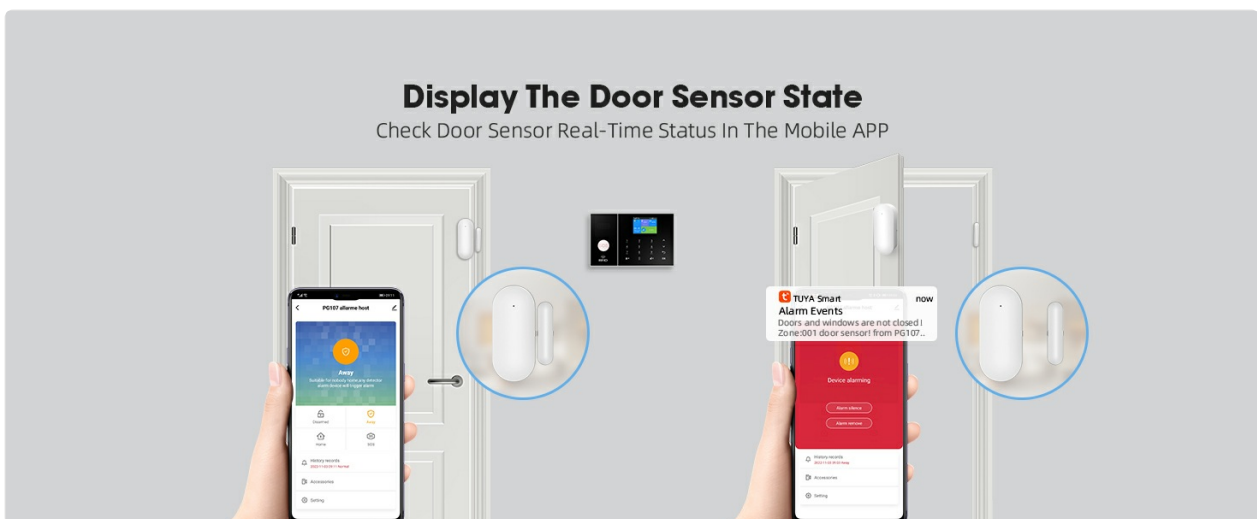


Figure 11: 5 Preset Alarm Calls

1. From the main menu, navigate to **Phone**.
2. Select the desired phone number slot (e.g., 1st Phone).
3. Enter the phone number to be dialed by the alarm.
4. Ensure the Call and SMS functions are enabled for this number.
5. When the main unit alarms, the mobile phone will receive the call and SMS. If the SMS function is turned off, only calls will be received. If the phone function is turned off, only text messages will be received.

Video 7: Setting Up Alarm Calls and Text Messages. This video demonstrates how to configure emergency contact numbers for calls and SMS alerts.

3.3 Mobile Application Remote Control

The Smart Life APP provides comprehensive remote control over your alarm system.

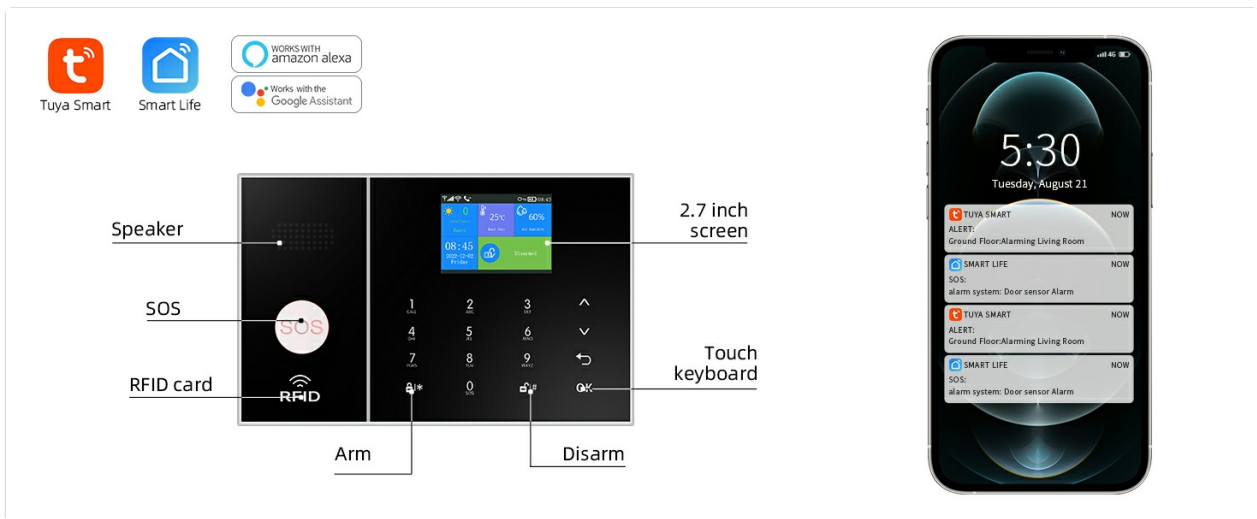


Figure 12: Mobile App Remote Control Functions

- **Arm/Disarm:** Change the system's arming status from anywhere.
- **Alarm Notifications:** Receive instant push notifications on your phone when an alarm is triggered.
- **Record Query:** View a history of alarm events and system activities.
- **Device Management:** Add, remove, and configure sensors and accessories.

4. MAINTENANCE

4.1 Battery Management

The main control panel has a built-in lithium polymer battery for backup power. Wireless sensors are battery-powered and will alert you when their battery is low.



Figure 13: Low Battery Notification Flow

When a sensor's battery is low, the system will:

- Display a low battery icon on the control panel.
- Send a low battery notification via the mobile app.
- Send an SMS alert (if configured).

Replace sensor batteries promptly to ensure continuous protection.

4.2 System Updates

Keep your system updated to ensure optimal performance and access to new features.

1. Open the Smart Life APP.
2. Navigate to the device settings for your alarm system.
3. Look for a section like **Device Update** or **Firmware Upgrade**.
4. Check for available updates and follow the on-screen instructions to install them.

5. TROUBLESHOOTING

If you encounter issues with your LWOHSI alarm system, refer to the following common solutions:

- **No WiFi Connection:** Ensure your WiFi network is 2.4GHz. Verify the password. Try restarting your router and the alarm panel. Refer to Section 2.5 for detailed network configuration steps.
- **Sensor Not Triggering:** Check the sensor's battery (refer to Section 4.1). Ensure the sensor is correctly paired (refer to Section 2.6). Verify the sensor's placement and ensure it's within range of the main panel.
- **No Phone/SMS Alerts:** Confirm the SIM card is correctly inserted and active (refer to Section 2.2). Check that emergency contact numbers are correctly set up and call/SMS functions are enabled (refer to Section 3.2). Ensure sufficient credit on the SIM card if applicable.
- **Keypad Locked:** Enter the correct system or user password. If forgotten, refer to the initial password settings in Section 2.4.
- **System Not Responding:** Try restarting the main control panel by unplugging and re-plugging the power adapter.

For persistent issues, please contact customer support.

6. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	LWOHSI
Model Number	PG108-4GUK
Power Source	Battery Powered
Compatible Devices	Smartphone (Alexa, Google Assistant, Tuya)
Item Dimensions (L x W x H)	3.94 x 1.57 x 6.69 inches
Connectivity Technology	Wireless (WiFi + 4G GSM)
Alert Type	Audio & Motion (APP Push, SMS, Voice Monitoring)

Feature	Specification
Control Method	App, Keypad, Remote, RFID
Included Components	1 SET A108F ALARM SYSTEM (Main Panel, Sensors, Remotes, RFID)
Item Weight	1.39 pounds
Batteries	1 Lithium Polymer battery (included)

7. WARRANTY AND SUPPORT

LWOHSI provides a standard manufacturer's warranty for this product. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact LWOHSI customer service directly.

If you require technical assistance, have questions about your product, or need to report an issue, please reach out to LWOHSI customer support through the contact information provided on the product packaging or the official LWOHSI website. Please have your product model number and purchase details ready when contacting support.