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LWOHSI A107F-US-F

LWOHSI A107F-US-F Wireless Home Alarm System User Manual

Comprehensive instructions for installation, operation, and maintenance.

1. Introduction

This manual provides detailed instructions for the LWOHSI A107F-US-F Wireless Home Alarm System. This system is designed to enhance home security through a combination of a touch screen control panel, wireless sensors, and smart connectivity features. Please read this manual thoroughly before installation and operation to ensure proper functionality and safety.

2. Package Contents

Verify that all items are present in your package. The standard LWOHSI A107F-US-F system typically includes:

- 1 x LWOHSI A107F Control Panel (Main Unit)
- Wireless Door/Window Sensors
- Wireless Motion Detectors (PIR Sensors)
- Remote Controls (Key Fobs)
- RFID Tags
- Alarm Siren
- Power Adapter (USB Type C)
- Mounting Hardware (screws, adhesive pads)
- User Manual



Image: Overview of the LWOHSI A107F-US-F Wireless Home Alarm System components, including the control panel, door/window sensors, motion detectors, remote controls, RFID tags, and siren.

3. Setup

3.1 Control Panel Installation

1. **Power Connection:** Connect the control panel to a power outlet using the provided USB Type C power adapter. Ensure the panel is placed in a central location for optimal wireless signal coverage.
2. **SIM Card Installation (Optional):** If using 4G cellular backup, insert a compatible SIM card into the designated slot on the control panel.
3. **Initial Power On:** The system will power on automatically. Follow the on-screen prompts for initial setup, including language selection and time/date settings.

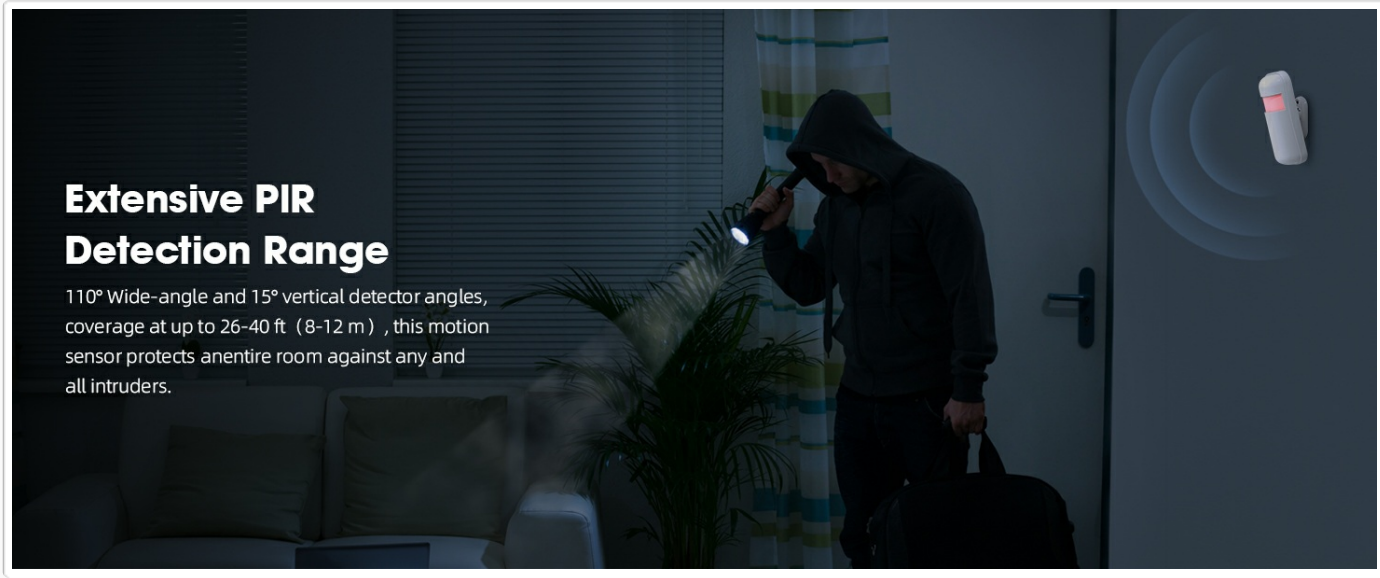


Image: A user interacting with the touch screen control panel of the LWOHSI alarm system, demonstrating its user-friendly interface.

3.2 Sensor Installation

Install door/window sensors and motion detectors in strategic locations. Ensure sensors are within the wireless range of the control panel (up to 80 meters indoors, 100 meters in open areas).

1. **Door/Window Sensors:** Mount the two parts of each sensor on a door or window frame and its corresponding moving part. Ensure they are aligned and within 1 cm of each other when the door/window is closed.
2. **Motion Detectors:** Install motion detectors in corners of rooms or hallways, approximately 2-2.5 meters (6.5-8 feet) from the floor, ensuring a clear line of sight for detection. Avoid placing them near heat sources or direct sunlight.

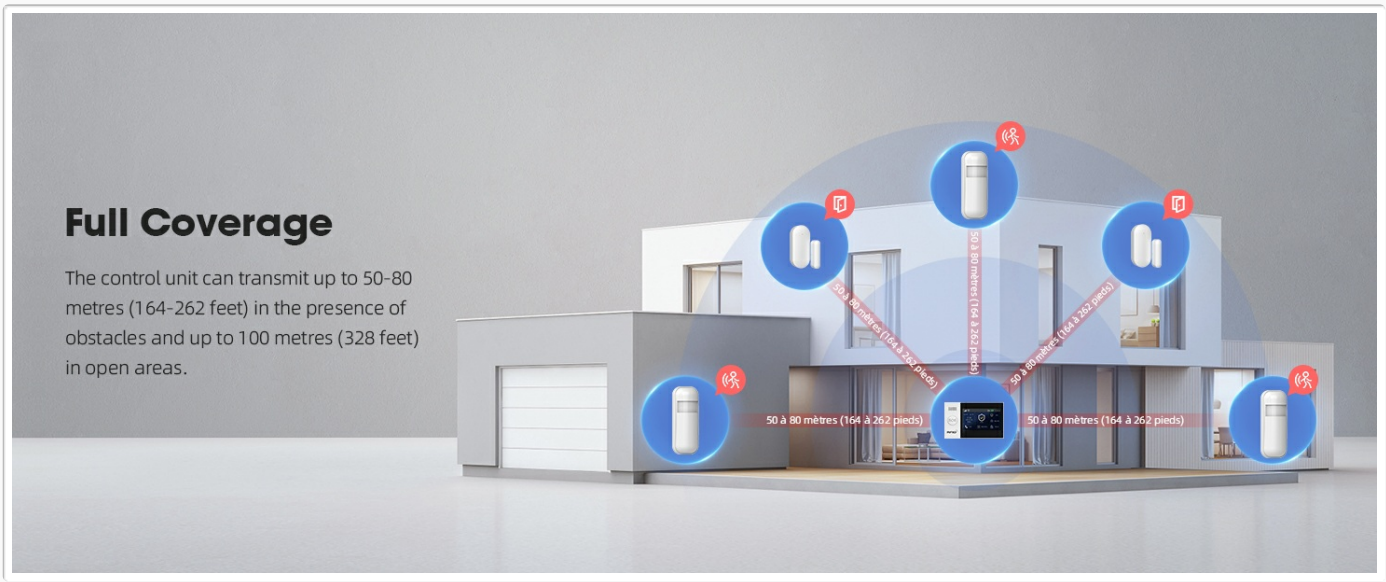


Image: A diagram illustrating the full coverage capability of the LWOHSI alarm system, showing the control panel and various sensors strategically placed around a house.

3.3 App Integration (Smart Life App)

The LWOHSI system integrates with the Smart Life App for remote management and notifications.

1. **Download App:** Download the Smart Life App from your device's app store.
2. **Register/Login:** Create an account or log in to your existing Smart Life account.
3. **Add Device:** Follow the in-app instructions to add your LWOHSI A107F control panel. This typically involves selecting 'Security & Video Surveillance' and then 'Alarm (Wi-Fi)'. Ensure your phone and the control panel are

connected to the same 2.4GHz Wi-Fi network during setup.

4. **Rename Sensors:** Once connected, use the app to rename sensors (e.g., "Front Door," "Living Room Motion") for clear identification in alerts.

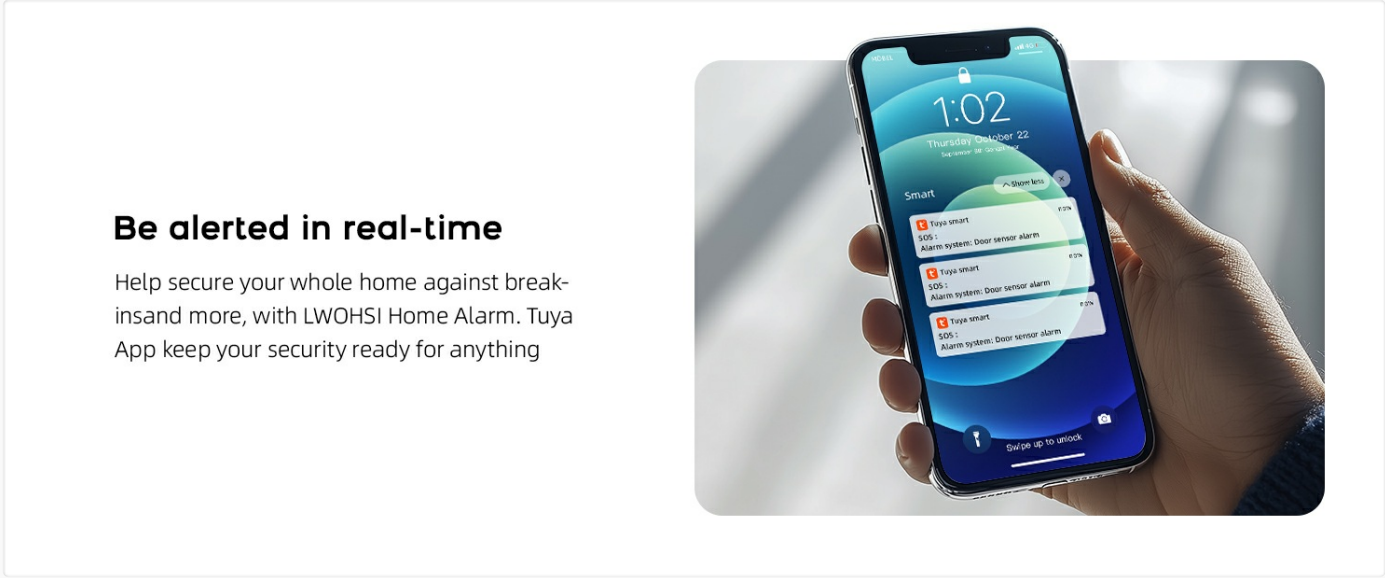


Image: A smartphone screen displaying real-time notifications from the LWOHSI alarm system, indicating alerts for door sensors and other security events.

3.4 Voice Assistant Integration (Alexa)

The system supports integration with Alexa for voice control.

1. **Enable Skill:** In the Alexa app, enable the 'Smart Life' skill.
2. **Link Accounts:** Link your Smart Life account with your Alexa account.
3. **Discover Devices:** Ask Alexa to discover new devices.
4. **Voice Commands:** You can use voice commands to arm or disarm the system. Refer to the Smart Life skill documentation for specific commands.

4. Operating Instructions

4.1 Control Panel Overview

The 4.3-inch IPS touch screen displays real-time status, date, and time. Navigate through menus by tapping icons.



Image: The LWOHSI control panel displaying its 4.3-inch TFT colorful screen, Wi-Fi and 4G connectivity, app remote control, timing arm/disarm, 10 languages, one-touch help, and APP/Call/SMS notification features.

4.2 Arming and Disarming

The system offers three primary modes:

- **Out Arm (Away Mode):** All sensors are armed. Use this mode when no one is home.
- **Stay Arm (Home Mode):** Interior sensors are disarmed, while perimeter sensors (e.g., door/window sensors) remain armed. Use this mode when people are inside the home.
- **Disarm:** All sensors are disarmed.

You can arm/disarm using the control panel, remote control, Smart Life App, or voice commands via Alexa.

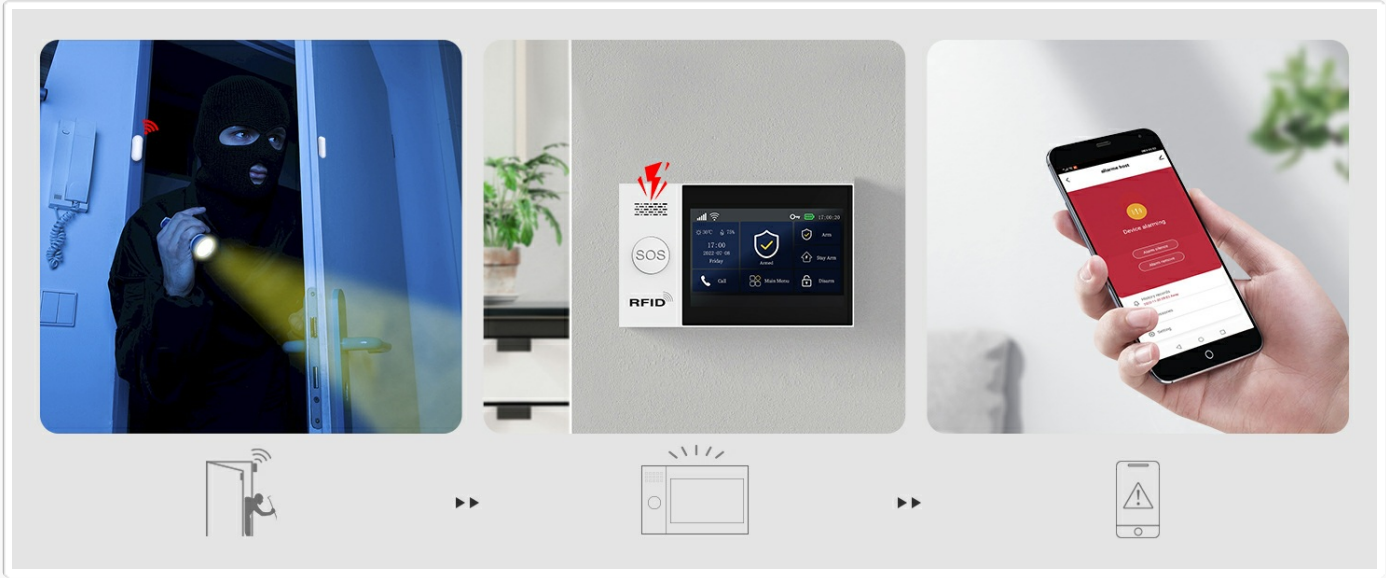


Image: Three icons depicting the control modes: a locked padlock for 'Out Arm', an unlocked padlock for 'Disarm', and a house with a locked padlock for 'Stay Arm'.

4.3 SOS Function

Press the SOS button on the control panel or remote control in an emergency. The system will trigger an alarm and send alerts to pre-set emergency contacts.

4.4 RFID Tag Usage

Present an RFID tag to the control panel's RFID reader to quickly arm or disarm the system without needing a code or remote.

4.5 Remote Monitoring and Alerts

The system supports Wi-Fi and 4G connectivity for multi-channel alarm methods, including:

- **App Push Notifications:** Receive instant alerts on your smartphone via the Smart Life App.
- **SMS Alerts:** The system can send text messages to pre-configured phone numbers.
- **Phone Calls:** The system can dial pre-configured phone numbers and play a recorded alarm message.

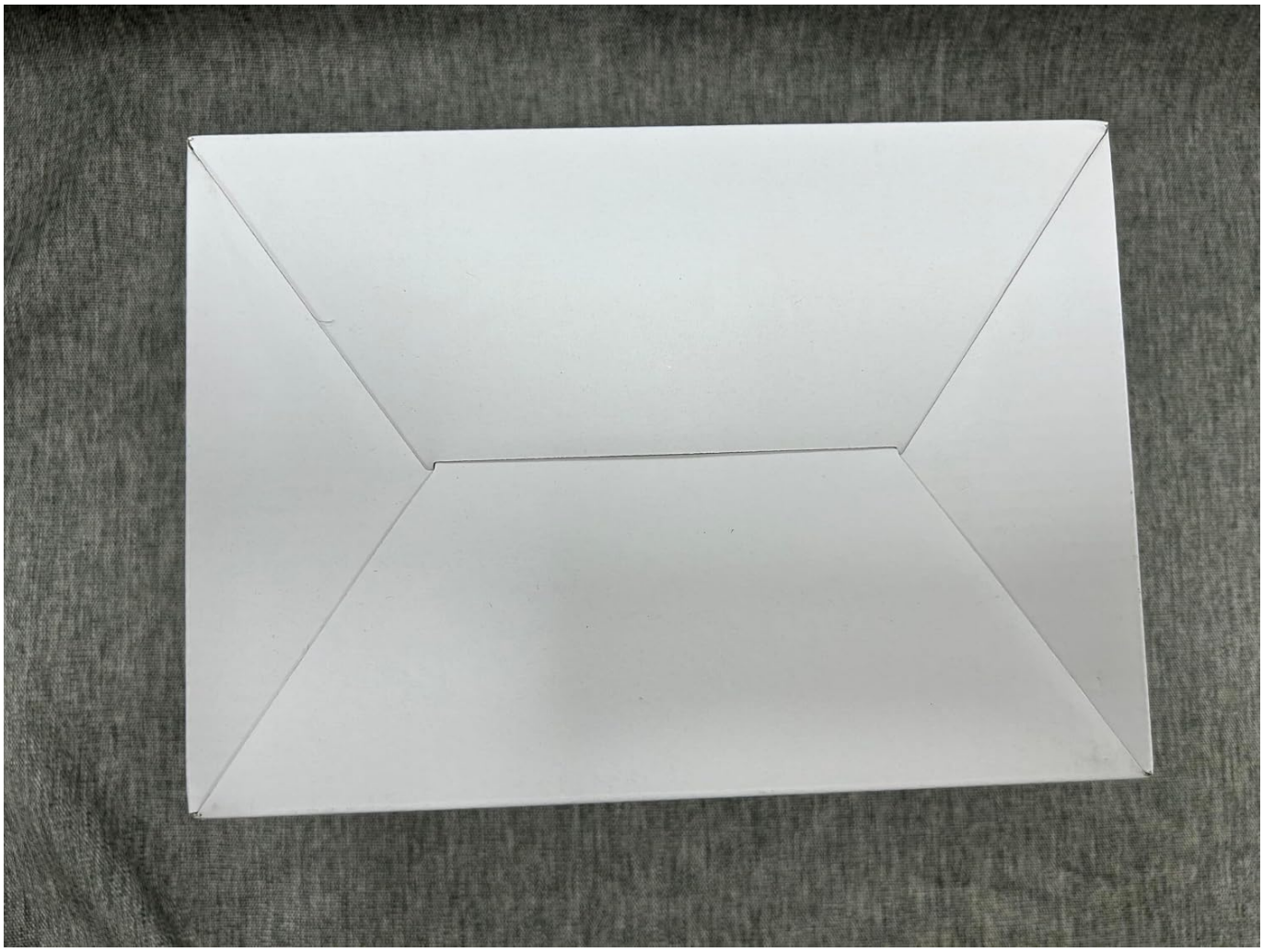


Image: A three-panel sequence showing an intruder entering a home, triggering a door sensor, which then activates the LWOHSI control panel alarm, and finally sends an alert to a smartphone.

5. Features and Functions

- **Dual Network Connectivity:** Supports both Wi-Fi and 4G (GSM) for reliable alarm transmission.
- **Multi-Language Support:** The control panel menu, voice operation, and SMS alerts support multiple languages.
- **Anti-Tampering Function:** The control panel features an anti-disarming alarm. If the device is maliciously removed from its mounting, an alarm will sound, and alerts will be sent.
- **Low Voltage Detection:** Wireless sensors notify the control panel when their battery levels are low.
- **Customizable Zones:** Configure various defense zones such as access zone, interior zone, perimeter zone, 24-hour zone, and doorbell. Each zone can be named for clarity (e.g., "Front Door," "Bedroom Window").
- **Timed Arm/Disarm:** Schedule specific times for the system to arm or disarm automatically.
- **Alarm Voice Messages:** Record up to 20 seconds of alarm and voice messages.
- **Device Sharing:** Share access to the alarm system with family members by adding their mobile numbers or email addresses to the app.



Image: A diagram illustrating the anti-tampering feature of the LWOHSI control panel. If the panel is removed from its mounting, a hidden switch triggers an alarm and sends notifications to the owner's phone.

6. Maintenance

6.1 Battery Replacement

- **Control Panel:** The control panel has a built-in Lithium Polymer backup battery. If a power outage occurs, the system will switch to battery power. Ensure the panel is regularly connected to power to keep the backup battery charged.
- **Wireless Sensors:** When a sensor's battery is low, the system will notify you. Replace batteries promptly with the recommended type (refer to individual sensor specifications).

6.2 Cleaning

Wipe the control panel and sensors with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the surfaces.

7. Troubleshooting

- **Vague Instructions:** If the provided manual sections are unclear, refer to the Smart Life App for additional guidance or search for online tutorials specific to the Smart Life platform.
- **Non-Intuitive Interface:** Spend time exploring the control panel's menus and settings. Many functions can be customized through the Smart Life App, which may offer a more intuitive experience for some users.
- **Motion Sensor False Alarms:** Ensure motion detectors are not placed near heat sources, direct sunlight, or areas with significant air currents (e.g., near vents). Adjust sensitivity settings if available.
- **System Auto-Disarms:** Check the 'Timed Arm/Disarm' settings in the control panel and the Smart Life App to ensure no schedules are configured for automatic disarming.
- **Excessive App Alerts:** Review notification settings within the Smart Life App. You may be able to customize which types of alerts trigger push notifications.
- **Alexa Integration Issues:** Verify that the 'Smart Life' skill is enabled and accounts are correctly linked. Ensure your Alexa device and the alarm system are on the same network. Check the Alexa app for specific error messages or device status.
- **No Alarm Sound:** Check the siren connection and ensure the volume is not muted on the control panel. Verify that

the alarm is armed and sensors are properly triggered.

8. Specifications

Feature	Specification
Brand	LWOHSI
Model Number	A107F-US-F (Item model number: LW107F-EU-F)
Power Source	Battery Powered (1 Lithium Polymer battery included)
Connectivity Technology	Wireless (Wi-Fi, 4G/GSM)
Compatible Devices	Smartphone, Tablet (via Smart Life App)
Control Method	App, Touch Screen, Remote Control, Voice (Alexa)
Installation Type	Screw-In
Alert Type	Audio & Motion, App Push, SMS, Phone Call
Item Dimensions (L x W x H)	3.94 x 1.97 x 1.97 inches
Item Weight	16 ounces (1 pound)
Recommended Uses	Indoor/Outdoor (sensors may vary)
Connector Type	USB Type C

9. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your product or contact LWOHSI customer service directly. Contact details can typically be found on the manufacturer's website or on the product packaging.

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