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Wolf-Guard WM4N

Wolf-Guard 4G WiFi Smart Alarm System WM4N - User Manual

Model: WM4N

1. Product Overview

The Wolf-Guard 4G WiFi Smart Alarm System is a comprehensive security solution designed to protect your home or business. This intelligent system integrates a main alarm host with various sensors and remote controls, providing real-time alerts and remote management capabilities via a smartphone application.

Key features include:

- **Dual Connectivity:** Supports both WiFi and 4G networks for reliable communication.
- **Comprehensive Protection:** Includes PIR motion detectors, door/window sensors, and remote controls.
- **App Control:** Manage your alarm system remotely using the 'Smart Life' app on Android or iOS devices.
- **No Monthly Fees:** Enjoy security alerts and features without recurring subscription costs.
- **Battery Backup:** Built-in rechargeable battery provides up to 8 hours of operation during power outages.
- **Expandable System:** Supports up to 8 remote controls, 10 defense zones, and 100 detectors.

2. Package Contents

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

- Wolf-Guard WM4N Alarm Host Unit
- PIR Motion Detector(s)
- Door/Window Sensor(s)
- Wireless Remote Control(s)
- Power Adapter
- Screws for installation
- AAA Batteries (for sensors/remotes)

Figure 2.1: Alarm system components including the host, sensors, remote, and packaging.

Figure 2.2: The main alarm host unit, a PIR motion sensor, a door/window sensor, and two remote controls.

3. Host Unit Features

Familiarize yourself with the main alarm host unit's indicators and ports.

3.1 Top Panel Indicators

Figure 3.1: Top view of the alarm host, showing LED indicators for Power, 4G, Status, RF, and the central SOS button.

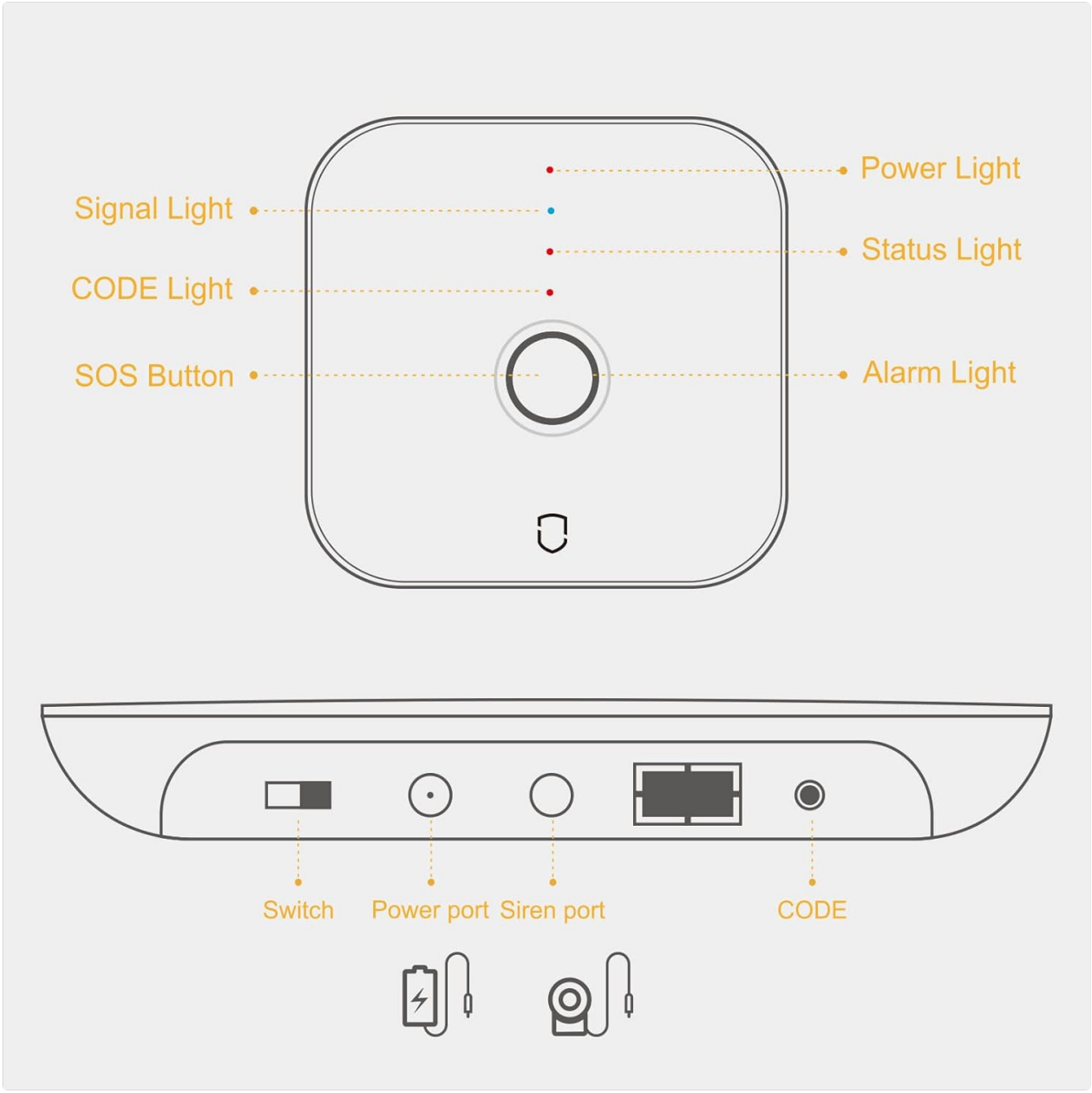

Figure 3.2: Detailed diagram of the host unit's top panel, indicating Power Light, Signal Light, CODE Light, SOS Button, Status Light, and Alarm Light.

3.2 Side Panel Ports

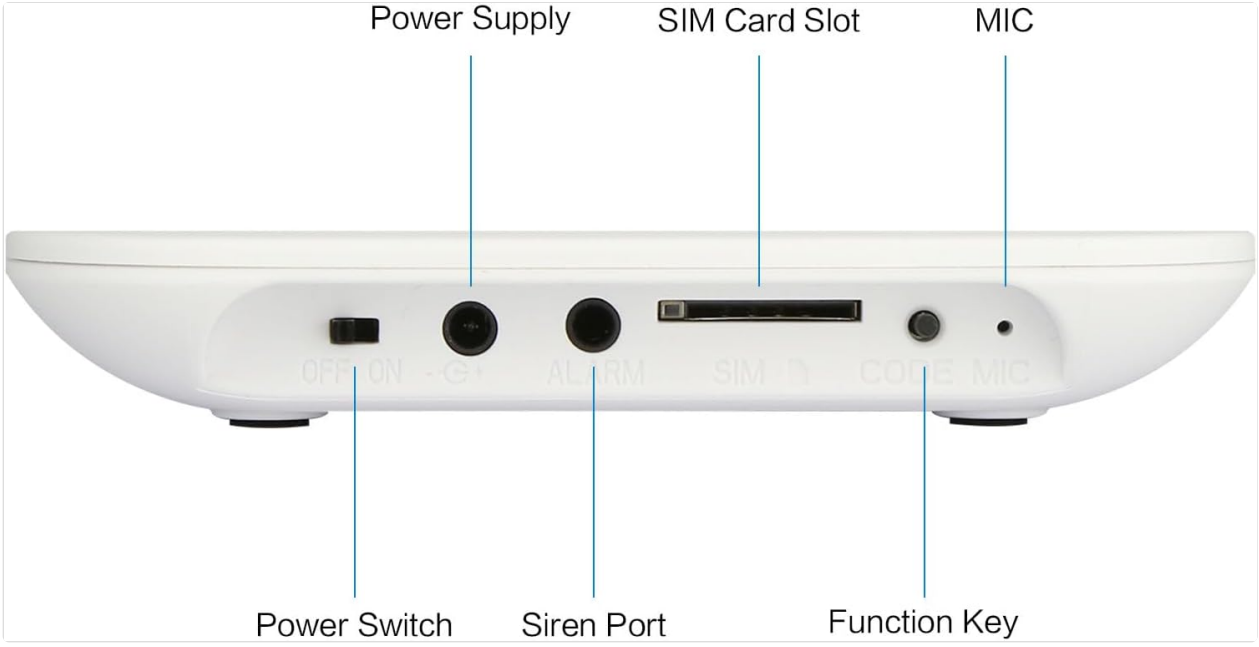

Figure 3.3: Side view of the alarm host, detailing the Power Switch, Power Supply port, Siren Port, SIM Card Slot, Function Key, and Microphone (MIC).

3.3 Bottom Panel Information

Figure 3.4: Bottom view of the alarm host, displaying product information such as Model No. WM4N, Serial Number MP0622268631E06, IMEI 862205055398400, and WiFi SN 100080224000A7.

4. Setup Guide

4.1 Powering the Host Unit

1. Connect the provided power adapter to the DC 12V/500mA port on the side of the host unit.
2. Plug the adapter into a standard AC 110-240V power outlet.
3. Flip the Power Switch to the 'ON' position. The Power LED indicator on the top panel will illuminate.

The host unit has a built-in 7.4V/400mA rechargeable battery, providing up to 8 hours of operation during power interruptions.

Figure 4.1: The alarm host unit features a 400mAh built-in rechargeable battery, offering up to 8 hours of continuous protection against power failure.

4.2 App Installation and Network Connection

1. Download the 'Smart Life' app from Google Play Store (for Android) or Apple App Store (for iOS).
2. Register for a new account or log in if you already have one.
3. Follow the in-app instructions to add your Wolf-Guard alarm host. This typically involves pressing a button on the host unit for network pairing.
4. Ensure your WiFi network is 2.4GHz, as 5GHz networks may not be supported.

4.3 Sensor and Remote Pairing

Once the host unit is connected to the app, you can pair your sensors and remote controls:

1. In the 'Smart Life' app, navigate to the device settings for your alarm host.
2. Select the option to add new accessories (e.g., 'Add Sensor' or 'Add Remote').
3. Follow the specific instructions for each sensor or remote control to put them into pairing mode (e.g., pressing a button on the sensor, activating the remote).
4. The app will confirm successful pairing. You can then edit zone names for better organization.

5. Operating Instructions

5.1 Arming and Disarming

The system can be armed or disarmed using the remote control or the 'Smart Life' app.

Figure 5.1: Wireless remote controls for arming, disarming, home arming, and emergency SOS functions.

- **Arm (Away Mode):** Activates all sensors. Any triggered sensor will sound the alarm and send notifications.
- **Disarm:** Deactivates the alarm system. Sensors will not trigger an alarm.
- **Home Arm (Stay Mode):** Activates perimeter sensors (e.g., door/window sensors) while allowing movement within the property (e.g., PIR sensors may be disarmed).
- **SOS Button:** Press for immediate emergency alert.

5.2 Sensor Operation

The system supports various detectors to secure your premises.

Figure 5.2: A door/window sensor installed on an entrance, triggering an alarm when the door is opened.

Figure 5.3: Illustration of a PIR motion detector's detection angle, typically ranging from 60 to 120 degrees.

- **Door/Window Sensors:** Detect when a protected door or window is opened.
- **PIR Motion Detectors:** Detect movement within their coverage area.
- When a sensor is triggered while the system is armed, the alarm host will sound the siren (90 dB) and send instant notifications to your smartphone via the app.

6. Maintenance

6.1 Battery Management

- The host unit's internal battery is rechargeable and provides backup power. Ensure the host unit is regularly connected to AC power to keep the internal battery charged.
- Sensors and remote controls use AAA batteries. Replace batteries promptly when the app indicates a low battery status for any accessory.

6.2 Anti-Disassembly Function

The alarm host is equipped with an anti-disassembly feature. If the unit is tampered with or forcibly removed from its mounting location, it will trigger an alarm and send a notification.

Figure 6.1: The hidden anti-disassembly device on the back of the alarm host. Tampering with this button will trigger an alarm.

7. Troubleshooting

If you encounter issues with your Wolf-Guard alarm system, please refer to the following common solutions:

- **Cannot connect to WiFi:** Ensure your WiFi network is 2.4GHz. The system may not be compatible with

5GHz networks. Verify your WiFi password and signal strength. Try restarting your router and the alarm host.

- **Sensors not triggering alarm:** Check if the system is armed. Ensure sensors are properly paired with the host unit via the app. Verify sensor battery levels.
- **No app notifications:** Check your smartphone's notification settings for the 'Smart Life' app to ensure notifications are enabled. Verify the alarm host has a stable internet connection (WiFi or 4G).
- **Remote control not working:** Replace the remote control's batteries. Ensure it is paired with the host unit.
- **Alarm sounds unexpectedly:** Check the event log in the 'Smart Life' app to identify which sensor triggered the alarm. Ensure sensors are installed correctly and not in areas prone to false alarms (e.g., PIR sensor facing a heat source or direct sunlight).

For further assistance, please contact customer support.

8. Specifications

Feature	Detail
Model Number	WM4N
Manufacturer	Chi Tong Da
Product Dimensions (L x W x H)	11.8 x 2.4 x 11.8 cm
Weight	400 g
Material	ABS
Color	White
Power Source Type	Battery Powered (with AC adapter)
AC Input Voltage	110 ~ 240 V
DC Output Voltage	12 V / 500 mA
Built-in Battery	7.4 V / 400 mA rechargeable lithium battery
Battery Life (Backup)	Up to 8 hours
Sensor Batteries	2 AAA Batteries (included)
Connectivity Technology	Wireless (WiFi 2.4GHz, 4G)
Installation Type	Wireless DIY
Sound Level	90 Decibels
Control Method	App (Smart Life)
Compatible Devices	Smartphone, Tablet
Supported Accessories	8 Remote Controls, 10 Defense Zones, 100 Detectors
Alert Type	Motion, Door/Window, SOS

9. Warranty and Support

Wolf-Guard products are designed for reliability and performance. For warranty information, please refer to the documentation included with your purchase or contact your retailer. For technical support or assistance with setup and operation, please reach out to the manufacturer's customer service or the seller.

Manufacturer: Shenzhen Wolf-Guard Security Hi-tech Company Limited

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