

Mengshen MS-AF14A

Mengshen WiFi 4G GSM Alarm System MS-AF14A User Manual

Model: MS-AF14A

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Mengshen WiFi 4G GSM Alarm System, model MS-AF14A. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This system is designed to enhance the security of your home or office with advanced features like WiFi and 4G GSM connectivity, a 4.3-inch touch screen panel, and compatibility with various sensors.

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.

- 1 x Security Panel (4.3-inch touch screen)
- 1 x Motion Sensor
- 2 x Door/Window Sensors
- 1 x Doorbell Button
- 2 x Remote Controls
- 1 x AC Power Adapter
- 1 x User Manual
- Batteries for sensors and remote controls (CR2450 x 2 for door sensors, AAA x 2 for motion sensor, CR2032 x 1 for remote controls, 23A12V x 1 for doorbell)

3. SPECIFICATIONS

Feature	Detail
Model Number	MS-AF14A

Feature	Detail
Security Panel Screen Size	4.3 inches (Resolution: 480 x 272)
Security Panel Battery	3.7V, 1500mAh Lithium Battery (built-in)
Wireless Parameters	433 MHz, eV1527
Network Connectivity	WiFi (2.4G standard), 4G, GSM
Built-in Siren	115 dB
Doorbell Battery	23A12V x 1
Door Sensor Battery	CR2450 x 2
Motion Detector Battery	AAA x 2
Motion Detector Angle	110°
Remote Control Battery	CR2032 x 1
Control Method	Application (Smart Life/Tuya), Touch Screen, Remote Control, Voice Control (Alexa/Google Assistant)
Installation Type	Desktop Placement / Wall Mount
Compatible Devices	Smartphone, Tablet
Expandability	Supports up to 90 wireless accessories

4. SETUP

4.1. Unpacking and Initial Power-Up

Carefully remove all components from the packaging. Connect the AC power adapter to the security panel and plug it into a power outlet. The panel has a built-in battery for backup power.

4.2. Installing Sensors and Accessories

Install the provided batteries into the motion sensor, door/window sensors, doorbell, and remote controls. Ensure correct polarity. Position door/window sensors on doors and windows, and the motion sensor in areas requiring coverage. The security panel can be placed on a desktop or mounted on a wall.

**Just place on the desktop
or hang on the wall**



Figure 4.2.1: The security panel offers flexible installation options, allowing it to be placed on a desktop or securely mounted on a wall.

Monitoring Doors & Windows



Figure 4.2.2: Door and window sensors are designed for easy installation on frames to detect unauthorized entry.

4.3. Connecting to WiFi and Mobile App

1. Download the "Smart Life" or "Tuya" app from your smartphone's app store.
2. Register for an account and log in.
3. On the security panel, navigate to the network settings and select WiFi.
4. Follow the on-screen instructions to connect the panel to your 2.4G WiFi network.
5. In the app, add a new device and follow the pairing instructions. The app will guide you through connecting the alarm system.
6. Once connected, you will receive notifications on your phone when sensors are activated.

4.4. Inserting a 4G SIM Card (Optional)

For 4G GSM functionality, insert a compatible SIM card (not included) into the designated slot on the security panel. This enables the system to send text messages and make calls in case of an alarm, even if WiFi is unavailable.

5. OPERATING INSTRUCTIONS

5.1. Using the 4.3-inch Touch Screen Panel

The security panel features a clear 4.3-inch anti-fingerprint touch screen with intuitive controls. Use the touch interface to arm, disarm, check system status, view event logs, and access menu settings.

4.3 Inches Touch Screen



Figure 5.1.1: The 4.3-inch touch screen panel provides a user-friendly interface for system control.

5.2. Arming and Disarming the System

- **Arm Away:** Activates all sensors. Use when leaving the premises.
- **Arm Home/Stay Arm:** Activates perimeter sensors (e.g., door/window sensors) while allowing movement within the property.
- **Disarm:** Deactivates all sensors.

These actions can be performed via the touch screen, remote control, or the mobile app.

5.3. Mobile App Alerts and Control

The Smart Life/Tuya app provides 24/7 alarm monitoring. When a sensor is triggered, you will receive instant notifications on your smartphone. The app also allows you to remotely arm/disarm the system, check device status, and manage settings from anywhere.

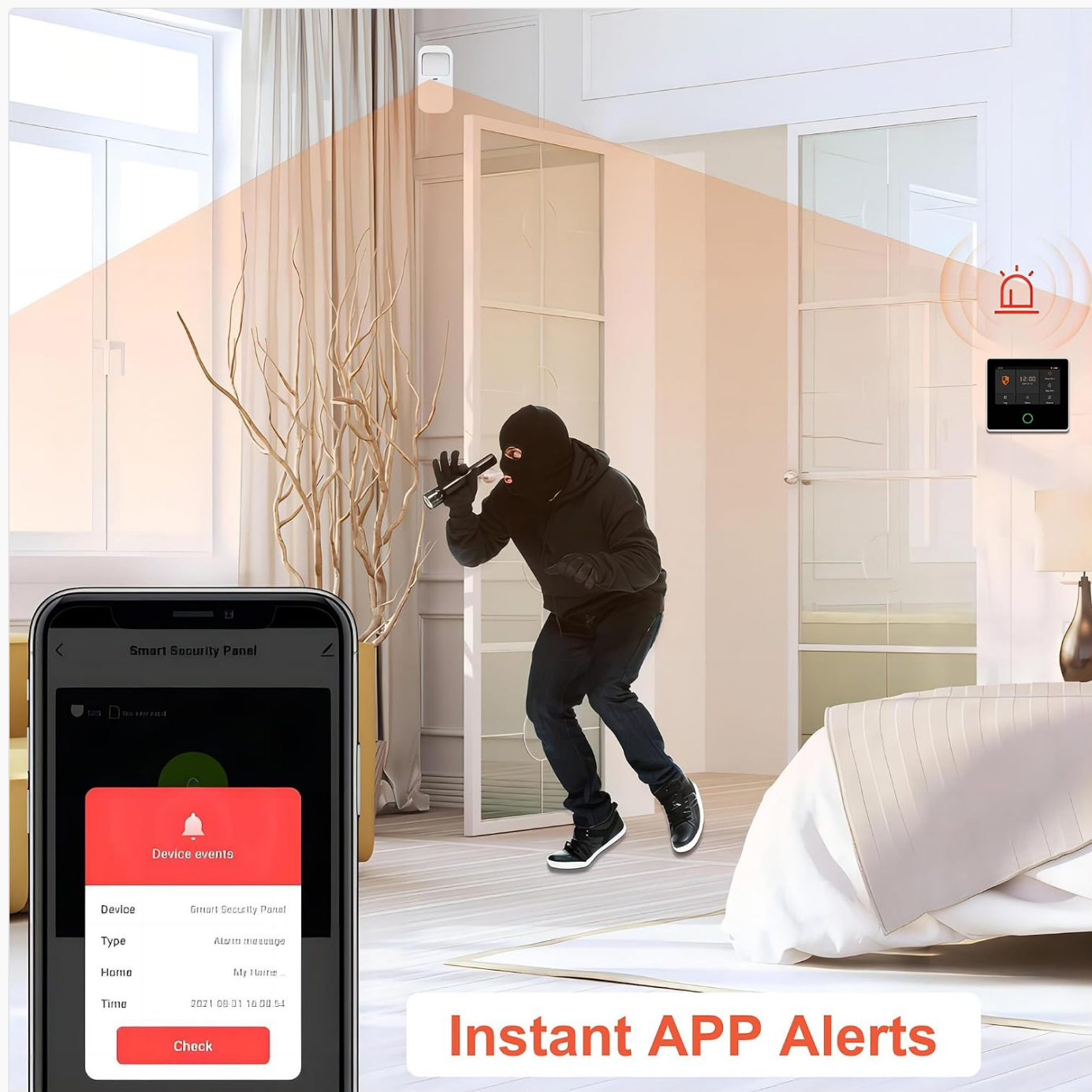


Figure 5.3.1: Instant notifications are sent to your smartphone via the mobile app when an event occurs.

5.4. Voice Control Integration

The system is compatible with Amazon Alexa and Google Assistant. You can arm or disarm your system using voice commands. For example, say "Alexa, arm my home" or "Google, disarm my home."

Voice Control

Alexa, arm my home!

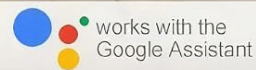


Figure 5.4.1: Voice control allows convenient arming and disarming of the system using smart assistants.

5.5. Built-in Siren

The security panel features a built-in 115 dB siren designed to deter intruders when an alarm is triggered.

Built-in 115dB Siren

Loud enough to scare off intruders

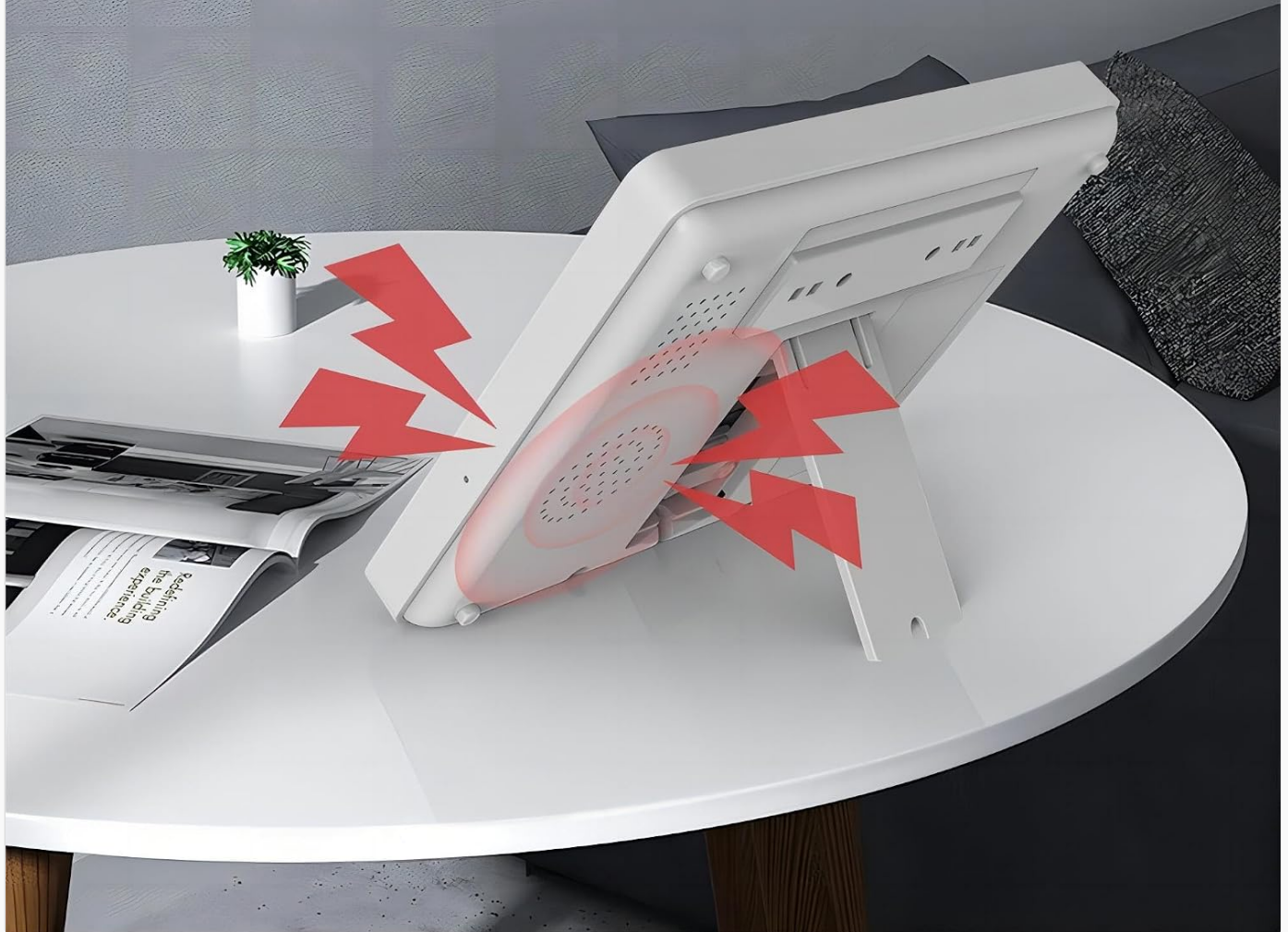


Figure 5.5.1: The integrated 115 dB siren activates upon alarm detection to alert occupants and deter intruders.

5.6. Adding More Accessories

The Mengshen alarm system supports up to 90 additional wireless accessories, including more door/window sensors, motion sensors, doorbell buttons, and remote controls. Refer to the accessory's specific manual for pairing instructions with the main panel.

Support up to 96 Accessories

can be added to alarm system



Figure 5.6.1: The system is expandable, allowing users to add up to 90 wireless accessories to customize their security setup.

6. MAINTENANCE

6.1. Battery Replacement

Regularly check the battery status of all wireless sensors and remote controls. Replace batteries promptly when the low battery indicator appears on the panel or app. Refer to the specifications section for battery types for each component.

- **Door/Window Sensors:** CR2450 batteries.
- **Motion Sensor:** AAA batteries.
- **Remote Control:** CR2032 battery.
- **Doorbell Button:** 23A12V battery.

6.2. Cleaning

Wipe the security panel and sensors with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these can damage the surfaces and electronic components.

6.3. Firmware Updates

Periodically check the Smart Life/Tuya app for available firmware updates for your security panel. Updates can improve performance, add new features, and enhance security.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
System not connecting to WiFi	Incorrect WiFi password; 5G WiFi network; weak signal; router issues.	Ensure correct 2.4G WiFi password. Verify your router supports 2.4G. Move panel closer to router. Restart router.
Sensors not triggering alarm	Low battery; sensor not paired; incorrect arming mode; sensor too far from panel.	Replace sensor batteries. Re-pair sensor with panel. Ensure system is armed correctly (e.g., Arm Away for motion sensors). Reduce distance between sensor and panel.
No app notifications	App permissions not granted; phone's notification settings; panel not connected to internet.	Check app notification permissions on your phone. Ensure the panel has a stable WiFi or 4G connection.
Voice control not working	Incorrect voice command; not linked to Alexa/Google Assistant; internet connectivity issues.	Use precise commands (e.g., "Alexa, arm my home"). Ensure the system is correctly linked in the Alexa/Google Home app. Check internet connection.
Siren not sounding	Siren volume set to minimum; system disarmed; fault in panel.	Check siren volume settings on the panel. Ensure the system is armed when testing. Contact support if issue persists.

8. WARRANTY AND SUPPORT

8.1. Warranty Information

Your Mengshen WiFi 4G GSM Alarm System is covered by a standard manufacturer's warranty. Please refer to the warranty card included in your package or contact Mengshen customer support for specific warranty terms and conditions.

8.2. Customer Support

If you encounter any issues not covered in this manual or require further assistance, please contact Mengshen customer support. You can typically find contact information on the product packaging, the official Mengshen website, or through your retailer.

Please have your model number (MS-AF14A) and purchase details ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question