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> [HUXGO HXA005 4G WiFi + GSM Home Alarm System User Manual](#)

## HUXGO HXA005 4G

# HUXGO HXA005 4G WiFi + GSM Home Alarm System

User Manual

## 1. INTRODUCTION

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Thank you for choosing the HUXGO HXA005 4G WiFi + GSM Home Alarm System. This system provides comprehensive security for your home, apartment, office, garage, or garden shed. It features dual communication channels (WiFi and GSM 4G LTE) for reliable alarm notifications via the TUYA Smart mobile application or SMS. This manual will guide you through the installation, setup, and operation of your new alarm system.

## 2. SAFETY INFORMATION

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- Ensure the control panel is installed in a secure, dry location, away from direct sunlight and extreme temperatures.
- Use only the provided power adapter.
- Keep the system out of reach of children.
- Do not attempt to disassemble or repair the device yourself. Contact qualified personnel for service.
- Test the alarm system regularly to ensure proper functionality.

## 3. PACKAGE CONTENTS

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The HUXGO HXA005 alarm system package includes the following components:



Image: Overview of the HUXGO HXA005 alarm system components, including the control panel, motion sensor, door/window sensor, remote control, wired siren, and RFID tag.

- **1x Control Panel:** The central unit for managing the alarm system.
- **1x Internal Alarm Siren:** For audible alerts.
- **5x Motion Detectors:** Wireless sensors to detect movement.
- **1x Door/Window Opening Detector:** Wireless sensor for entry points.
- **2x Remote Controls:** For quick arming and disarming.
- **2x RFID Key Fobs:** For convenient system control.
- **1x Power Adapter:** To power the control panel.
- **Batteries:** For wireless sensors and backup power.
- **Installation Accessories:** Including adhesive tape, screws, and wall plugs.
- **User Manual:** This document.

## 4. PRODUCT OVERVIEW

### 4.1 Control Panel

The control panel is the brain of your alarm system, featuring a 2.4-inch color touchscreen for easy navigation. It

supports both WiFi and GSM 4G LTE connectivity for reliable communication.



Image: Front view of the HUXGO HXA005 control panel, showing the touchscreen display, numeric keypad, and RFID reader.

## 4.2 Sensors

The system includes wireless motion detectors and door/window opening detectors. These sensors are battery-powered and communicate wirelessly with the control panel, allowing for flexible placement without additional wiring.

## 4.3 Remote Controls and RFID Key Fobs

Use the remote controls for quick arming, disarming, and activating the SOS function. RFID key fobs provide a convenient tap-to-arm/disarm feature on the control panel.

## 5. SETUP AND INSTALLATION

### 5.1 Control Panel Installation

1. Choose a central location for the control panel, preferably near a power outlet and within good WiFi signal range.
2. Mount the control panel to the wall using the provided screws and wall plugs, or place it on a flat surface.

The anti-tamper feature will trigger an alarm if the panel is removed from the wall while armed.

3. Connect the power adapter to the control panel and plug it into a power outlet.
4. If using GSM functionality, insert a valid SIM card into the designated slot on the control panel.



Image: Dimensions of the HUXGO HXA005 control panel, showing its compact size for discreet installation.

## 5.2 Sensor Installation

Install batteries into all sensors before mounting. The system supports up to 99 wireless accessories.

### 5.2.1 Motion Detectors

- Mount motion detectors in corners of rooms or hallways, ensuring a clear line of sight to the area you wish to monitor.
- Avoid placing them directly facing windows or heat sources to prevent false alarms.

### 5.2.2 Door/Window Opening Detectors

- Attach the two parts of the detector to the door/window frame and the door/window itself, ensuring they are aligned and close to each other when the door/window is closed.
- Use the provided adhesive tape or screws for mounting.

## 5.3 TUYA Smart App Setup

1. Download the **TUYA Smart** app from the App Store (iOS) or Google Play Store (Android).
2. Register or log in to your TUYA Smart account.
3. On the control panel, navigate to the WiFi settings and connect it to your home WiFi network.
4. In the TUYA Smart app, add a new device and follow the on-screen instructions to pair your HUXGO HXA005 alarm system.
5. Once paired, you can manage and control your alarm system remotely via the app.

## 6. OPERATING INSTRUCTIONS

The HUXGO HXA005 system offers multiple ways to control and monitor your security.



Image: Illustration showing dual network control via Tuya app (WiFi) and SMS (GSM) for the HUXGO HXA005 alarm system.

### 6.1 Arming and Disarming

- **Via Control Panel:** Use the touchscreen or keypad to arm (full or partial) or disarm the system.
- **Via Remote Control:** Press the arm or disarm button on the remote.
- **Via RFID Key Fob:** Tap the RFID key fob on the designated area of the control panel.

- **Via TUYA Smart App:** Use the app for remote arming and disarming.
- **Via SMS:** Send specific SMS commands to the SIM card number in the control panel (refer to app or full manual for commands).

The system supports full arming, partial arming (e.g., for internal zones while you are home), and 24-hour zones (e.g., for smoke detectors, which are always active).

## 6.2 Entry/Exit Delay

Configure an entry/exit delay (1-99 seconds) to allow you to leave or enter your premises after arming/before disarming without triggering an immediate alarm.

## 6.3 SOS Function

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



Image: Visual representation of the SOS function on the remote control and various alarm scenarios detected by motion and door/window sensors.

## 6.4 Communication Features

- **Alarm Notifications:** Receive alarm notifications via the TUYA Smart app or SMS messages to up to 5 pre-defined phone numbers.

- **Two-Way Communication:** The control panel allows you to make and receive calls, and activate a listening function to hear what is happening at the alarm location.

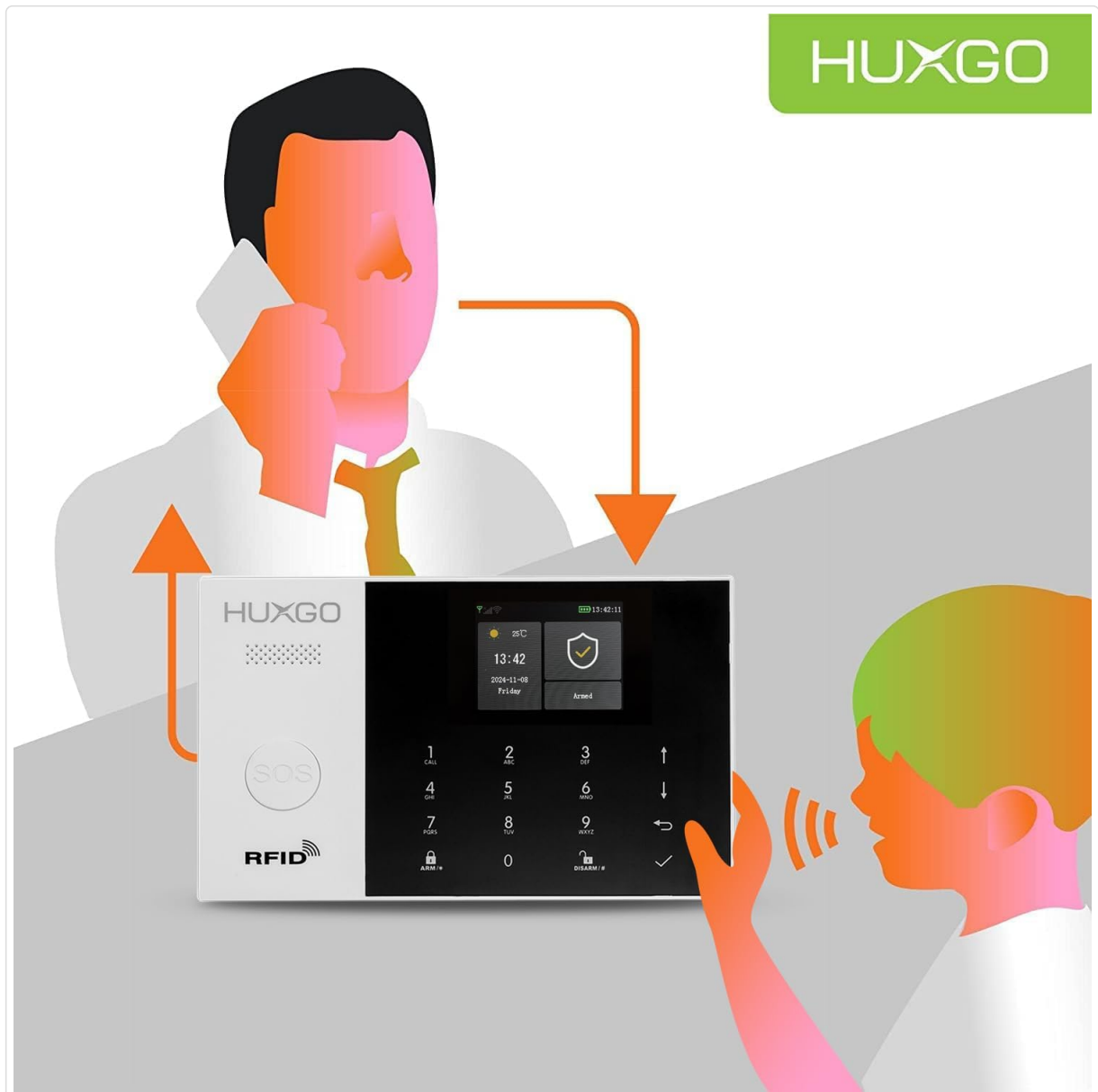


Image: Illustration of two-way communication capability, showing a person making a call through the control panel and listening to audio from the alarm location.

## 6.5 Scheduling

Program automatic arming and disarming times for convenience, such as arming when you typically leave for work and disarming when you return.

## 7. MAINTENANCE

- **Battery Replacement:** The TUYA Smart app will notify you of low battery levels for sensors. Replace batteries promptly to ensure continuous protection.
- **Cleaning:** Wipe the control panel and sensors with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **System Testing:** Periodically test your alarm system by triggering a sensor to ensure it functions correctly and sends notifications.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
System does not arm/disarm.	Incorrect code, remote battery low, sensor fault.	Verify code, replace remote battery, check sensor status in app.
No alarm notification via app.	No internet connection, app not configured correctly.	Check WiFi connection, ensure app permissions are granted, re-pair device if necessary.
No alarm notification via SMS.	No SIM card, SIM card invalid, no GSM signal, incorrect phone numbers.	Insert valid SIM, check GSM signal strength, verify programmed phone numbers.
False alarms.	Improper sensor placement, pets, environmental factors.	Adjust sensor sensitivity, reposition sensors, ensure no obstructions.
Control panel not responding.	Power issue, system crash.	Check power connection, ensure backup battery is charged, restart the panel.

## 9. SPECIFICATIONS

Feature	Specification
Model Number	HXA005 4G
Manufacturer	HUXGO
Connectivity Technology	Wireless (WiFi & GSM 4G LTE)
Power Source	Electric Cable, Battery Powered (Backup)
Backup Power Duration	Approx. 4-6 hours
Control Method	Application, Remote Control, RFID, Keypad
Compatible Devices	Smartphone (iOS & Android via TUYA Smart App)
Max. Wireless Accessories	Up to 99 (including 10 RFID remotes)
Sound Level (Siren)	105 Decibels
Product Dimensions (L x W x H)	18 x 11.5 x 2 cm
Item Weight	772 Grams
Installation Type	Screw-in
Alert Type	Audio and Movement
Country of Origin	China

## 10. WARRANTY AND SUPPORT

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For warranty information, please refer to the documentation provided with your purchase or contact your retailer. If you encounter any issues or require technical assistance, please contact HUXGO customer support through their official website or the contact information provided in your product packaging.