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TUGARD G30-EB005

TUGARD G30-EB005 2G WiFi/GSM Alarm System Instruction Manual

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your TUGARD G30-EB005 2G WiFi/GSM Alarm System. Please read this manual thoroughly before using the system to ensure proper functionality and safety. Keep this manual for future reference.

2. Product Overview

The TUGARD G30-EB005 is a comprehensive wireless security system designed to protect your home or office. It features a 2.4-inch IPS color screen, supports Wi-Fi (2.4G) and 2G GSM connectivity, and is compatible with Smart Life & Tuya apps, Google Home, and Alexa for smart control.

2.1 Key Features

- Supports up to 99 wireless sensors and 4 wired zones, plus 10 remote controls.
- 2.4-inch IPS color screen for real-time status display.
- Multilingual menus, voice commands, and SMS alerts.
- Wi-Fi (2.4G) connectivity via Tuya App.
- Built-in rechargeable battery for emergency power outages (2-3 hours).
- Remote control via Smart Life app, physical remote, or voice control (Alexa).
- SOS button for emergency assistance.
- Up to 5 groups of preset alarm calls with SMS and dialing switches.
- Records up to 20 seconds of alarm and voice messages.
- Supports multiple access zone settings (access area, indoor area, perimeter area, 24-hour zone, doorbell).

2.2 Included Components

- 1 Control Panel (Host)
- 3 Motion Sensors
- 8 Door/Window Sensors

- 3 RFID Cards
- 2 Remote Controls
- 1 Siren
- 1 SOS Button
- 1 Doorbell Button

2.3 Main Hub Introduction

The main hub is the central unit of your alarm system. It features a 2.4-inch TFT display, a keypad, speakers, an RFID sensing area, a microphone, an audio port, a USB interface, a card area for SIM card insertion, and a power button.

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Video: TUGARD G30 Alarm System Main Hub Instruction. This video provides an overview of the main hub's components and features.

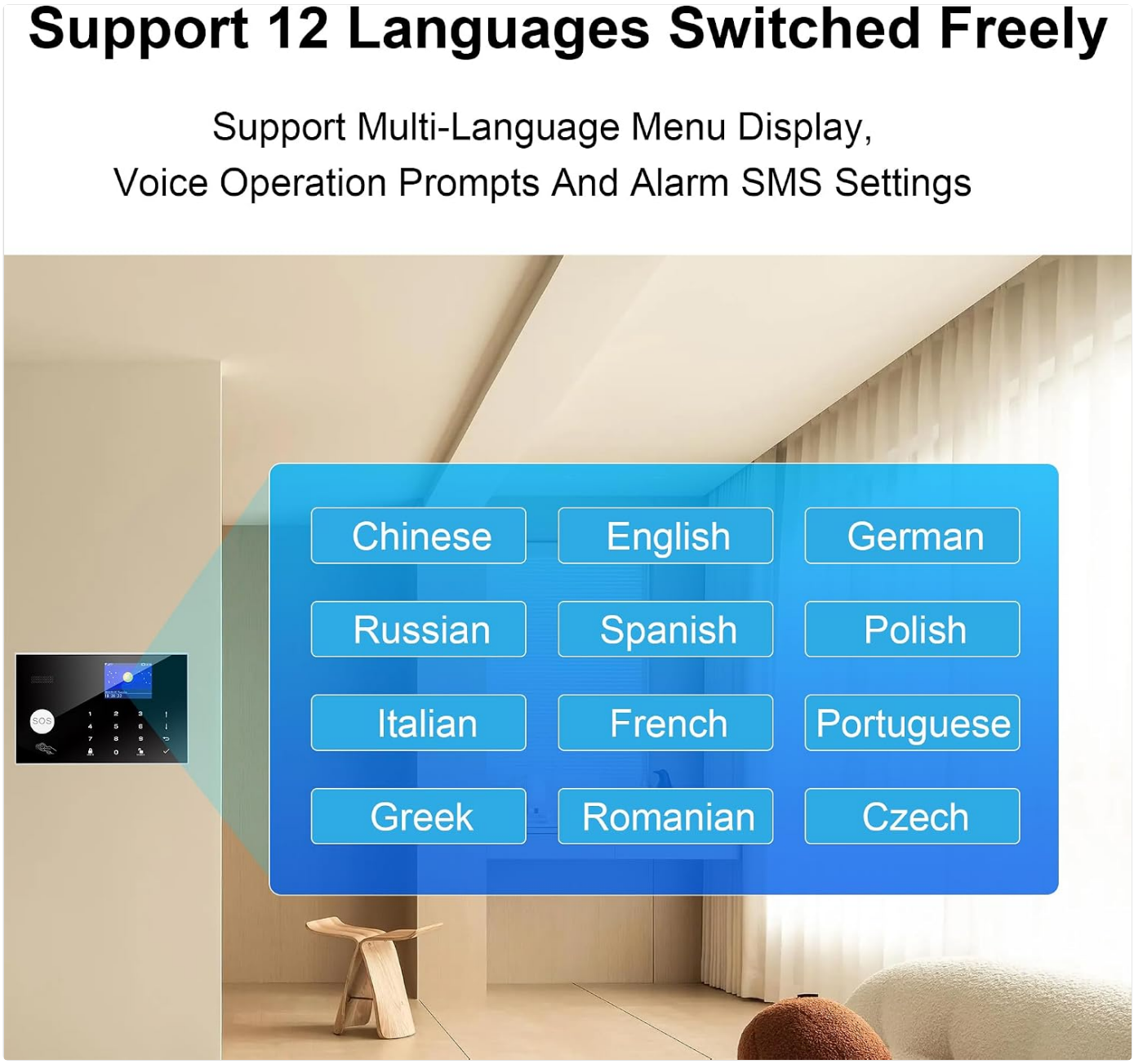


Image: Front view of the TUGARD G30-EB005 Alarm System main hub, showing the 2.4-inch TFT display, keypad, and SOS button.



Image: Back view of the TUGARD G30-EB005 Alarm System main hub, showing the SIM card slot, power switch, and wired siren interface.

3. Setup

3.1 SIM Card Insertion

To enable GSM functionality, insert a 2G SIM card into the main hub. Ensure the SIM card is correctly oriented with the chip facing downwards and connected to the electronic mainboard. After insertion, plug in the power and turn on the alarm system. Verify that the system is charging and has a signal.

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Video: TUGARD G30 Alarm System Insert Card. This video demonstrates the correct procedure for inserting the SIM card into the alarm system's main hub.

3.2 Host Installation

First, securely fix the mounting bracket to the wall. Then, carefully hang the main alarm host onto the installed bracket.

3.3 Detector Installation (PIR Motion Sensor)

Install PIR motion detectors at a height of 2 to 2.2 meters. The detection angle is approximately 110 degrees. Avoid installing detectors near windows or areas with strong light and heat sources, as this may cause false alarms.



Image: A TUGARD G30-EB005 PIR motion detector, showing its design and detection range in a room setting.

3.4 Magnetic Door/Window Sensor Installation

Install the magnetic door/window sensors on doors or windows. When the door or window is opened and the system is armed, the host will trigger an alarm.



Image: A TUGARD G30-EB005 magnetic door/window sensor, illustrating its two-part design for installation on openings.

3.5 Remote Control Installation

The remote control allows you to arm and disarm the system. Pressing the SOS button on the remote will trigger an alarm on the host and send an alert message to the paired mobile application, providing timely assistance.



Image: Two TUGARD G30-EB005 remote controls, showing buttons for arming, disarming, and SOS functions.

3.6 Doorbell Installation

Install the doorbell button on your door. When pressed, the host will ring, alerting you to visitors.

3.7 SOS Button Installation

The dedicated SOS button can be placed in an accessible location. When pressed, it triggers an immediate alarm and sends alerts to pre-configured contacts, ensuring quick response in emergencies.

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Video: TUGARD G30 Alarm System How to Install. This video demonstrates the installation process for the main host, motion detectors, magnetic door sensors, remote controls, doorbell, and SOS button.

4. Operating Instructions

4.1 Setting Keypad Lock

You can enable or disable the keypad lock feature. To change the setting, navigate to the settings menu and select 'Keypad Lock'. You will need to enter the system password (initial: 6666) or user password (initial: 1234) to modify this setting. After resetting, the keypad lock will take effect.

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Video: TUGARD G30 Alarm System How to Set Keypad Lock. This video guides you through setting and managing the keypad lock feature on the alarm system.

4.2 Language and Time Settings

To set the system language and time, navigate through the main menu to the settings section. Select 'Language' to choose your preferred language from the available options. For time settings, select 'Date&Time' and adjust the year, month, day, hour, and minute as needed.

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Video: TUGARD G30 Alarm System Language Date Setting. This video demonstrates how to change the system language and set the date and time on your alarm system.

4.3 Accessory Pairing (Smart Pairing)

The system supports smart pairing for various accessories. To pair an accessory, navigate to the 'Parts' menu, select the accessory type (e.g., Remote, RFID, Detector, Doorbell, SOS, Smoke), and then choose 'Add' or 'Smart Learn'. Follow the on-screen prompts or accessory-specific instructions to complete the pairing process.

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Video: TUGARD G30 Alarm System How to Pair Smartly. This video provides a comprehensive guide on how to pair various accessories, including remote controls, RFID tags, magnetic door sensors, infrared detectors, SOS buttons, and smoke detectors, with your alarm system.

4.3.1 Pairing Remote Controls

In the 'Parts' menu, select 'Remote' then 'Add'. Press any button on the remote control to pair it with the system. Once paired, you can use the remote to arm and disarm the host.

4.3.2 Pairing RFID Tags

In the 'Parts' menu, select 'RFID' then 'Add'. Place the RFID tag on the RFID sensing area of the host to pair it. Once paired, you can use the RFID tag to arm and disarm the host.

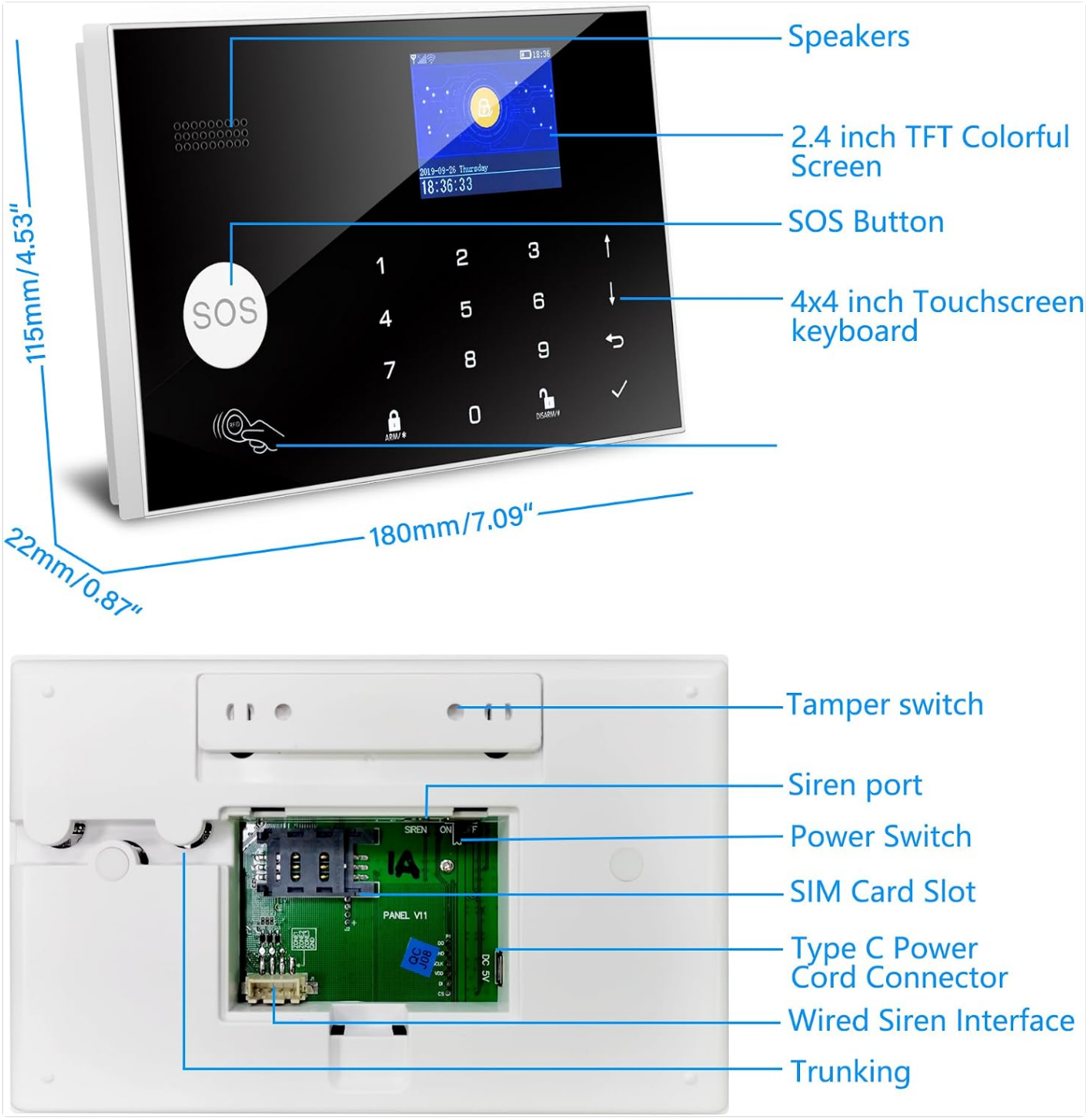


Image: TUGARD G30-EB005 RFID tags, used for convenient arming and disarming of the alarm system.

4.3.3 Pairing Magnetic Door/Window Sensors

In the 'Parts' menu, select 'Detector' then 'Smart Learn'. Separate the two parts of the magnetic door/window sensor to trigger the pairing process. The host will confirm successful pairing.

4.3.4 Pairing Infrared Detectors (PIR Motion Sensors)

In the 'Parts' menu, select 'Detector' then 'Smart Learn'. Trigger the infrared detector by moving in front of it to initiate pairing. The host will confirm successful pairing.

4.3.5 Pairing SOS Buttons

In the 'Parts' menu, select 'SOS' then 'Smart Learn'. Press the SOS button to pair it with the system. The host will confirm successful pairing.

4.3.6 Pairing Smoke Detectors

In the 'Parts' menu, select 'Detector' then 'Smart Learn'. Activate the smoke detector (e.g., by pressing its test button) to

pair it with the system. The host will confirm successful pairing.

4.3.7 Pairing Doorbell Buttons

In the 'Parts' menu, select 'Doorbell' then 'Smart Learn'. Press the doorbell button to pair it with the system. The host will confirm successful pairing.

5. Maintenance

- **Regular Cleaning:** Wipe the main hub and sensors with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Battery Check:** Periodically check the battery status of wireless sensors and the main hub's backup battery. Replace batteries as needed. The main hub's internal battery provides 2-3 hours of backup power.
- **Signal Strength:** Ensure all sensors maintain good signal strength with the main hub. Relocate sensors if signal is weak.
- **Firmware Updates:** Check the Smart Life/Tuya app for any available firmware updates for the system to ensure optimal performance and security.

6. Troubleshooting

- **False Alarms:** Review sensor placement, especially for motion detectors. Ensure they are not near heat sources, direct sunlight, or moving objects like curtains. Check for loose connections or faulty sensors.
- **No Signal (GSM/Wi-Fi):** For GSM, ensure the 2G SIM card is active and correctly inserted. Check network coverage. For Wi-Fi, ensure the hub is within range of your 2.4G Wi-Fi network and the password is correct.
- **Sensors Not Pairing:** Ensure sensors are in pairing mode and within range of the main hub. Check sensor batteries. Follow the smart pairing video instructions carefully.
- **App Connectivity Issues:** Verify your phone's internet connection. Ensure the Smart Life/Tuya app is updated to the latest version. Restart the app and the main hub if necessary.
- **Keypad Unresponsive:** Check if the keypad lock feature is enabled. If so, enter the correct password to unlock.

7. Specifications

Feature	Detail
Brand	TUGARD
Model Number	G30-2G-EB005
Color	Black
Power Source	Corded Electric
Connectivity Technology	Wireless (2G GSM, 2.4G Wi-Fi)
Compatible Devices	Google Home, Alexa, Smartphone (Smart Life & Tuya App)
Item Dimensions (L x W x H)	7.09 x 4.53 x 0.87 inches
Item Weight	2 Pounds
Installation Type	Self-Adhesive

Alert Type	Motion Only (with included sensors)
Battery Cell Composition	Lithium Ion
Battery Life (CR2032)	3 years
Noise Level (Siren)	4 Sones

8. Warranty and Support

For warranty information, please refer to the product packaging or contact the seller directly. If you encounter any issues or require technical assistance, please reach out to TUGARD customer support through the contact information provided with your purchase or on the official TUGARD website.

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.

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Anonymous

Email

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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.

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