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TUGARD G30-2G-EB008

TUGARD G30-2G-EB008 Wireless Home Alarm System User Manual

Model: G30-2G-EB008

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your TUGARD G30-2G-EB008 Wireless Home Alarm System. This system is designed to provide comprehensive security for your home or apartment, featuring GSM SMS 2G and WiFi connectivity, PIR motion sensors, door/window sensors, a camera, and remote control capabilities. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

2. Package Contents

Verify that all items listed below are included in your package:

- 1 x Alarm Host (Control Panel)
- 1 x Siren
- 4 x Door/Window Sensors
- 2 x PIR Motion Sensors
- 2 x Remote Controls
- 2 x RFID Cards
- 1 x C20 Camera
- Power Adapter
- User Manual



Image: All components included in the TUGARD G30-2G-EB008 Wireless Home Alarm System package.

3. Product Overview

The TUGARD G30-2G-EB008 Alarm Host serves as the central unit for your security system. It features a user-friendly interface and various ports for connectivity.

3.1 Alarm Host Features

- **2.4-inch TFT Display:** Provides a basic operation interface for system control and status display.
- **Speaker:** For audible alerts and voice prompts.
- **RFID Sensing Area:** For quick arming/disarming using RFID cards.
- **MIC:** For two-way audio communication (if supported by camera) and voice recording.
- **Audio Port:** For connecting external audio devices.
- **USB Interface:** For power and data connection.
- **Card Area:** Slot for SIM card and other memory cards.
- **Power Button:** To power on/off the device.
- **Installation Area:** Mounting points on the back for secure installation.

Video: An introduction to the TUGARD G30-2G-EB008 Alarm Host, detailing its physical features and components.

4. Setup and Installation

4.1 Inserting the SIM Card

The alarm host supports 2G GSM networks for calls and SMS alerts. Follow these steps to insert the SIM card:

1. Open the back cover of the alarm host.
2. Locate the SIM card slot and gently pull up the cover of the chip.
3. Insert the 2G SIM card, ensuring the chip is facing downwards and correctly aligned with the electronic mainboard.
4. Press down the cover of the chip to secure it.
5. Connect the power adapter to the alarm host. The system will power on and check for charging status and network signal.

Video: Step-by-step guide on how to correctly insert the SIM card into the TUGARD G30-2G-EB008 Alarm Host.

4.2 Setting Keypad Lock

To enhance security, you can set a keypad lock. The system has two types of passwords: system and user. The initial system password is **6666**, and the initial user password is **1234**. These can be changed by users.

1. From the main menu, navigate to 'Settings'.
2. Select 'Switch' and then 'Keypad Lock'.
3. Enter the current password (default 6666 for system, 1234 for user) to access the setting.
4. You can toggle the keypad lock on or off. After resetting, the keypad lock will take effect.

Video: Instructions on how to set and manage the keypad lock feature on the alarm system.

4.3 Setting Up Alarm Calls and Text Messages

Configure the system to send alarm calls and SMS notifications to your mobile phone:

1. From the main menu, navigate to 'Phone'.
2. Select 'Call-Phone Number' to enter the numbers for alarm calls.
3. Select 'SMS-Phone Number' to enter the numbers for SMS alerts.
4. Ensure the call and SMS functions are turned 'ON'.
5. When the alarm is triggered, the system will call and send SMS to the configured numbers. If the SMS function is turned off, only phone calls will be received. If the phone function is turned off, only text messages will be received.

Video: Guide on configuring alarm call and text message notifications for the TUGARD G30-2G-EB008 system.

4.4 Accessory Pairing

The system supports pairing with up to 100 sensors and 10 remote controls. Follow the instructions below for pairing various accessories:

4.4.1 Remote Control Pairing

1. From the main menu, navigate to 'Parts'.
2. Select 'Remote' and then 'Add'.
3. Press any button on the remote control to initiate pairing. The system will confirm successful learning.
4. Once paired, you can arm and disarm the host using the remote control.

Video: Instructions for pairing remote controls with the TUGARD G30-2G-EB008 alarm system.

4.4.2 RFID Card Pairing

1. From the main menu, navigate to 'Parts'.
2. Select 'RFID' and then 'Add'.
3. Place the RFID card on the RFID sensing area of the host. The system will confirm successful learning.
4. Once paired, you can arm and disarm the host using the RFID card.

Video: Guide on how to pair RFID cards with the TUGARD G30-2G-EB008 alarm system for quick arming/disarming.

4.4.3 Magnetic Door/Window Sensor Pairing

1. From the main menu, navigate to 'Parts'.
2. Select 'Smart Pairing'.
3. Separate the two parts of the magnetic door/window sensor. The system will confirm successful pairing.
4. After arming the system, if the magnetic sensor is separated (door/window opened), the host will trigger an alarm.

Video: Demonstrates the smart pairing process for magnetic door/window sensors with the alarm system.

4.4.4 Infrared Detector (PIR Motion Sensor) Pairing

1. From the main menu, navigate to 'Parts'.
2. Select 'Smart Pairing'.
3. Trigger the infrared detector by moving in front of it. The system will confirm successful pairing.
4. After arming the system, if motion is detected by the PIR sensor, the host will trigger an alarm.

Video: Instructions for smart pairing infrared motion detectors with the TUGARD G30-2G-EB008 alarm system.

4.4.5 SOS Button Pairing

1. From the main menu, navigate to 'Parts'.
2. Select 'Smart Pairing'.
3. Press the SOS button on the remote. The system will confirm successful pairing.
4. When the SOS button is pressed, the host will trigger an emergency alarm.

Video: How to smart pair the SOS emergency button with the TUGARD G30-2G-EB008 alarm system.

4.4.6 Doorbell Pairing

1. From the main menu, navigate to 'Parts'.
2. Select 'Smart Pairing'.
3. Press the doorbell button. The system will confirm successful pairing.
4. When the doorbell is pressed, the host will sound a chime.

Video: Instructions for smart pairing a doorbell with the TUGARD G30-2G-EB008 alarm system.

4.4.7 Smoke Detector Pairing

1. From the main menu, navigate to 'Parts'.
2. Select 'Smart Pairing'.
3. Activate the smoke detector (e.g., by pressing its test button). The system will confirm successful pairing.
4. When smoke is detected, the host will trigger an alarm.

Video: How to smart pair a smoke detector with the TUGARD G30-2G-EB008 alarm system.

5. Operating Instructions

5.1 Arming and Disarming

The system can be armed and disarmed using multiple methods:

- **Remote Control:** Press the arm/disarm buttons on the remote.
- **RFID Card:** Tap the RFID card on the sensing area of the host.
- **Mobile App:** Use the Tuya Smart or Smart Life app for remote arming/disarming.
- **Keypad:** Enter your password on the host keypad.

5.2 App Control and Smart Features

The TUGARD G30-2G-EB008 system integrates with the Tuya Smart and Smart Life apps (available for Android and iOS), allowing you to manage your security from anywhere.

- **Remote Monitoring:** Check the status of your security system and view camera footage via the app.
- **Multi-User Sharing:** Share access with family members by adding their mobile numbers to monitor records and receive alerts.
- **Scheduled Arm/Disarm:** Set specific times for the system to automatically arm or disarm.
- **Sensor Renaming:** Easily edit the names of each door/motion sensor in the app to identify which sensor triggered an alarm.
- **Voice Control:** Compatible with Alexa and Google Assistant for voice commands.



Image: Illustration of scheduled arming and disarming, and app control for the alarm system.



Image: The mobile app interface displaying real-time door sensor status and options to rename sensors for better management.

5.3 Emergency SOS Function

In case of an emergency, press the SOS button on the remote control. The system will immediately trigger an alarm and notify pre-set contacts.

5.4 Anti-Demolition Alarm Function

The alarm host is equipped with an anti-demolition feature. If the device is forcibly removed from its installation point, the host will beep an alarm and send a call or text message to the registered owner.



Image: Visual representation of the anti-demolition alarm function, showing how removal triggers an alert to the owner's phone.

6. Maintenance

6.1 Power and Battery

- The alarm host requires a continuous power connection. It includes a backup lithium-ion battery that provides 3-4 hours of operation during power outages.
- Sensors are battery-operated. For example, magnetic door/window sensors use CR2032 batteries with an average life of 3 years. Replace batteries as needed to ensure continuous protection.

6.2 General Care

- Keep the alarm host and sensors clean and free from dust.
- Avoid exposing the devices to extreme temperatures or humidity.
- Do not attempt to repair the device yourself. Contact customer support for assistance.

7. Troubleshooting

7.1 Adding More Sensors and Remote Controls

The system can support up to 100 sensors and 10 remote controls. To add more, follow the pairing instructions in Section 4.4. This allows for flexible expansion of your home protection.

7.2 System Functionality Without Wi-Fi

The device can function with or without a Wi-Fi connection. If Wi-Fi is unavailable or disconnected, the system will still provide a local alarm of 110 dB. However, app notifications will not be received. The GSM (2G) network will continue to send SMS and make calls if configured.

7.3 Battery Requirements

The alarm host must be connected to a power source for primary operation, with an internal backup battery for short-term power outages. All sensors are battery-operated. Refer to the specific sensor's documentation for exact battery types and replacement procedures.

8. Specifications

Feature	Specification
Manufacturer	Shenzhen Smartrol Technology Limited
Product Dimensions	18.01 x 11.51 x 2.21 cm
Item Weight	907.18 grams
Model Number	G30-2G-EB008
Power Source	Battery Powered (Host requires mains power with battery backup)
Installation Method	Wireless
Sound Level	110 dB (local alarm)
Compatible Devices	Alexa, Google Home, Siri, Tuya Smart App
Video Capture Resolution	720p (for C20 Camera)
Battery Type (Host Backup)	Lithium-ion
Average Battery Life (Sensors)	3 Years (e.g., CR2032 for magnetic sensors)

9. Warranty and Support

For warranty information, technical support, or any inquiries regarding your TUGARD G30-2G-EB008 Wireless Home Alarm System, please refer to the contact details provided on the product packaging or the official TUGARD website. Keep your purchase receipt for warranty claims.

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