PGST PGST A108F

PGST WiFi Home Security Alarm System User Manual

Model: PGST A108F - 8 PIECES KIT

1. INTRODUCTION

Thank you for choosing the PGST WiFi Home Security Alarm System. This comprehensive kit is designed to provide reliable and customizable security for your home, villa, or apartment. With easy DIY installation, real-time alerts via the Tuya and Smart Life apps, and no subscription fees, you can enjoy peace of mind knowing your property is protected. This manual will guide you through the setup, operation, and maintenance of your new security system.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x PGST108 Home Alarm System (Main Panel)
- Door/Window Sensors (Quantity varies by kit, 8 PIECES KIT includes multiple)
- Motion Sensors (Quantity varies by kit, 8 PIECES KIT includes multiple)
- Remote Controls (Quantity varies by kit)
- RFID Tags (Quantity varies by kit)
- Power Adapter
- Mounting Hardware (Screws, anchors)
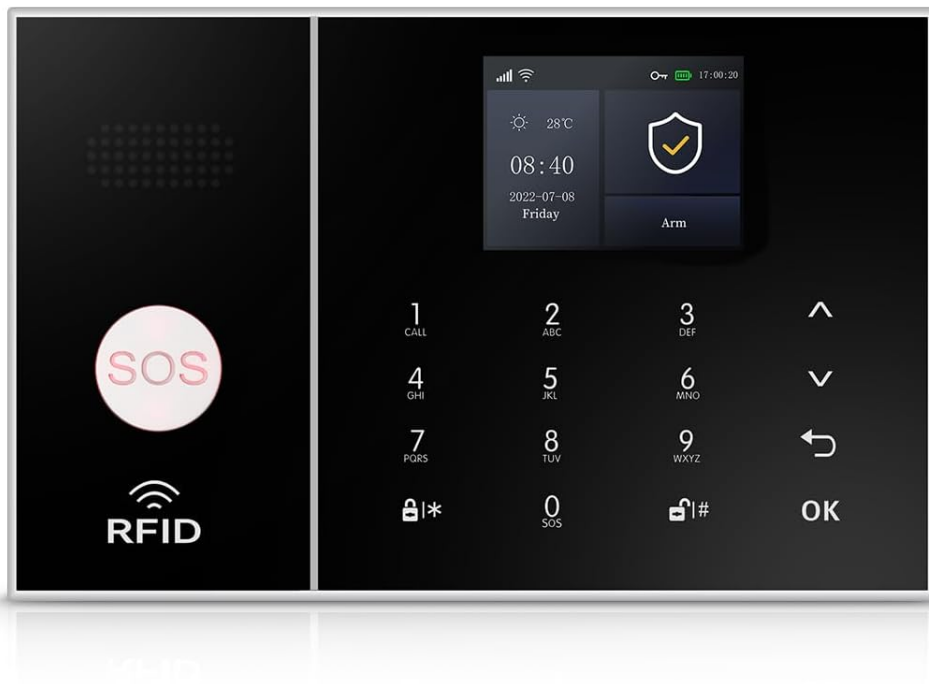- User Manual (This document)

Image: Overview of the PGST WiFi Home Security Alarm System 8-piece kit, showing the main panel, motion sensor, door/window sensor, remote controls, and RFID tags.

3. PRODUCT FEATURES

- **Instant Alerts and No Contract Fee:** Receive real-time notifications directly to your smartphone via Tuya and Smart Life App whenever motion is detected or sensors are triggered. Stay connected even when you are away. No hidden costs or recurring charges.

- **Customizable and Expandable:** The system is highly customizable, allowing you to choose which areas of your home to protect. You can add more sensors, cameras, or other security devices from our store in the future.

- **One-Click SOS Function:** Once the SOS button is activated, the security alarm system immediately sends out a distress signal to pre-designated emergency contacts or authorities.

- **Easy DIY Installation and Use:** Requiring no complex installation steps, it can be easily installed in key areas of your home. It is simple to operate, allowing both the elderly and children to quickly get the hang of it.

- **4.3-inch TFT Colorful Display Screen:** The main panel features a vibrant display for easy navigation and status updates.

- **Support for Alexa and Google Assistant:** Integrate with your smart home ecosystem for convenient voice control.

- **Multi-Language Support:** The system supports 11 languages, allowing for free switching of menu display, voice operation, and alarm SMS settings.

Image: A woman interacting with the 4.3-inch TFT colorful display screen of the alarm system, highlighting its multi-functionality.

Image: A diagram illustrating how the alarm system links with other smart home products like outdoor cameras, door sensors, and motion detectors, controlled via the Tuya Smart and Smart Life apps.

5 preset alarm calls
no missing any alarm information

When the host dials an alarm and encounters busy line, it will dial
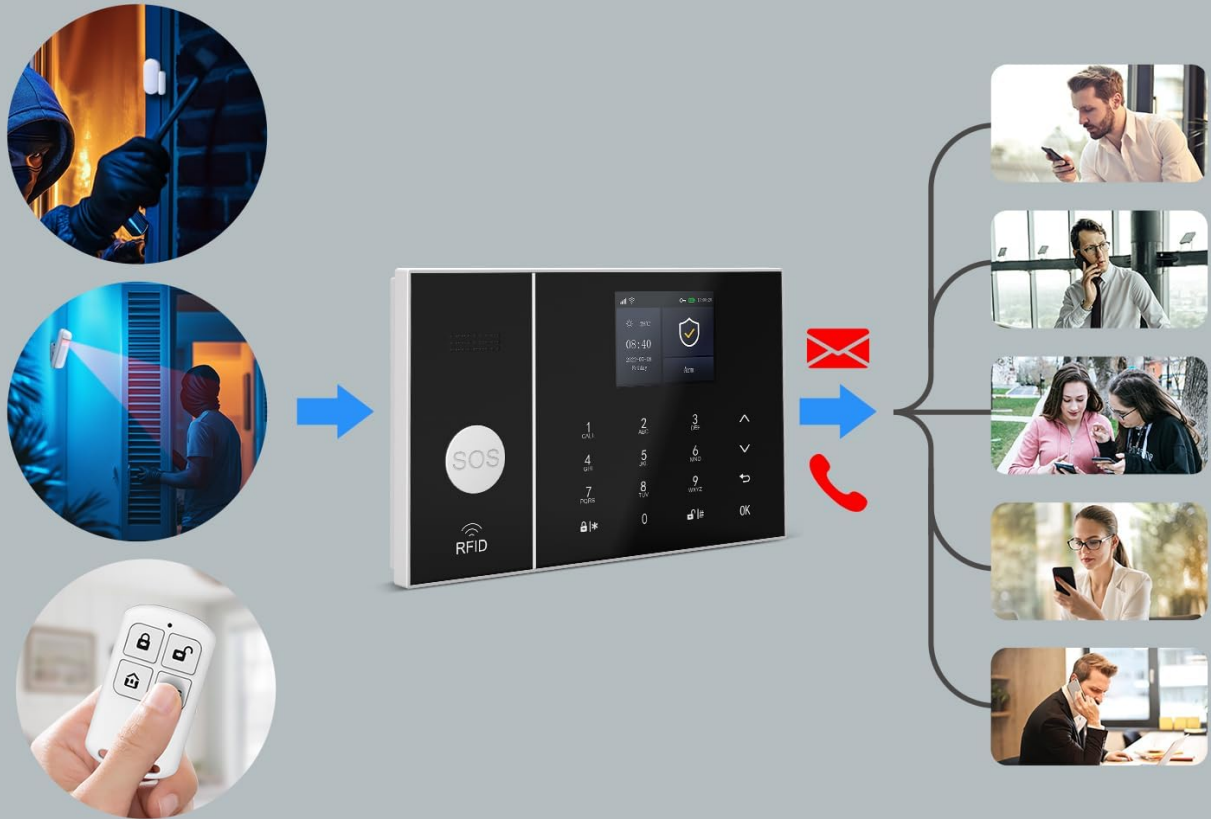the next reserved number.Do not miss every alarm notification

Image: A visual representation of the alarm system's ability to dial up to 5 preset alarm calls, ensuring no alarm information is missed.

Anti-demolition alarm function

Install a detachable device at the back, and once removed,
The host will beep an alarm on the spot, and send a call or
text message to the host

Image: A woman and her dog in a living room, demonstrating the alarm system's support for Alexa voice control, with a speech bubble showing "Alexa, Disarm my home!"

Image: The alarm system's display showcasing its support for 11 languages, including Chinese, English, German, Russian, Spanish, Polish, Italian, French, Portuguese, Greek, and Romanian.

4. SETUP

4.1 Initial Setup of the Main Panel

1. Unpack the main alarm panel and connect it to a power source using the provided adapter.

2. The panel will power on automatically. Follow the on-screen prompts to select your preferred language.

3. **Network Configuration:** The system supports 2.4GHz WiFi (5GHz WiFi is not supported).

There are two primary methods to configure the network:

Method 1 (Soft AP Configure):
Host operation: **Menu** → **Wi-Fi** → **Soft AP Configure** → **Auto Search**
Phone operation: **WiFi (2.4GHz)** → **Bluetooth** → **Smart life APP** → **Add devices**

Method 2 (Air Link Configure):
Host operation: **Menu** → **Wi-Fi** → **Air Link Configure**
Phone operation: **WiFi (2.4GHz)** → **Smart life APP** → **Add devices** → **Sensors** → **Alarm** → **WiFi** → **Blink**
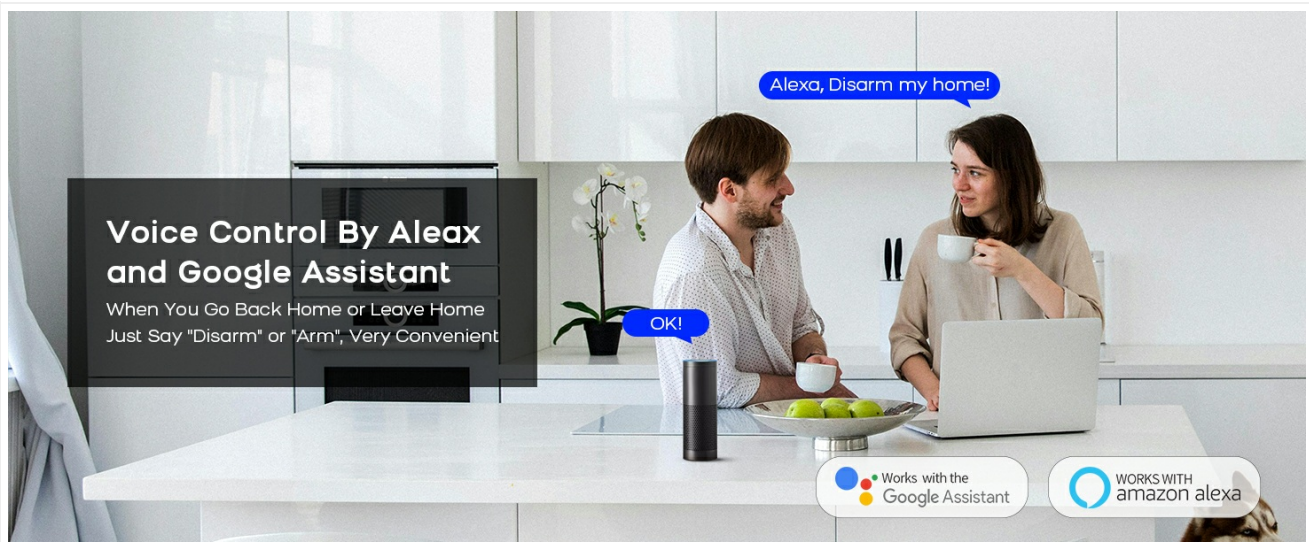
Image: A diagram illustrating the two methods for configuring the network connection for the alarm system, involving both host panel and smartphone app operations.

4.2 Sensor Installation

Install the door/window sensors and motion sensors in strategic locations to maximize coverage.

- **Door/Window Sensors:** Mount the two parts of the sensor on the door/window frame and the door/window itself, ensuring they are aligned and within 1 cm of each other when closed.
- **Motion Sensors:** Install motion sensors in corners or areas with high traffic, ensuring a clear line of sight for detection. Avoid placing them near heat sources or direct sunlight.
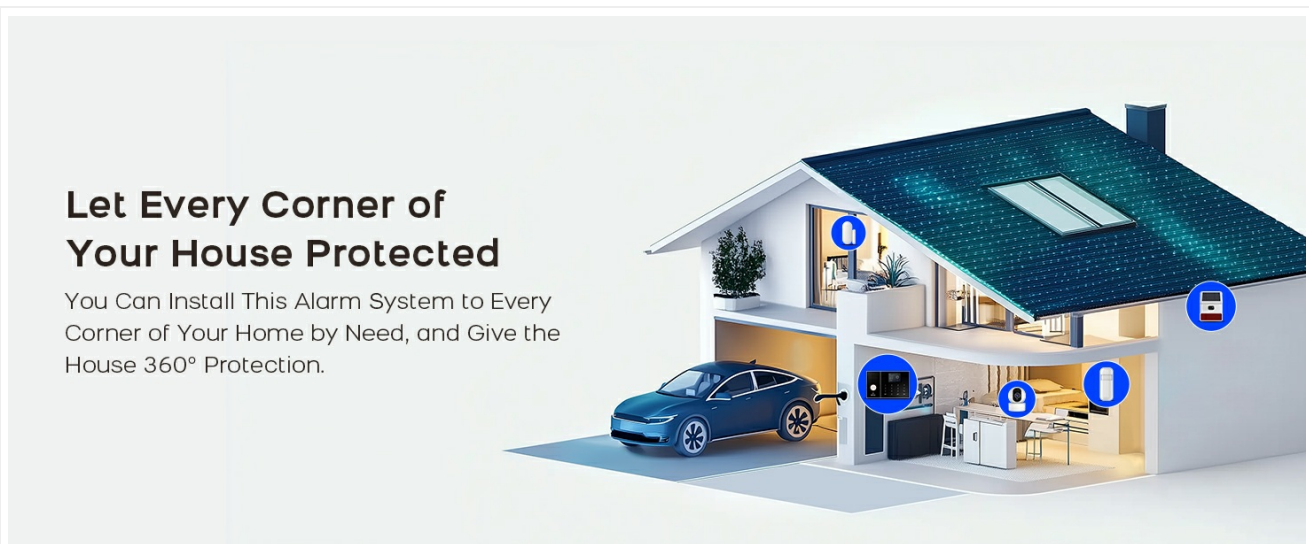

Image: A close-up view of a door window sensor installed on a window frame, demonstrating its magnetic field technology for detecting opening and closing.

APP Alert Message Push

When Someone Try to Entry House, the Door Sensor and PIR Detector is Activated, You Will get Phone Message and Call, In Addition, APP Will Push Alert
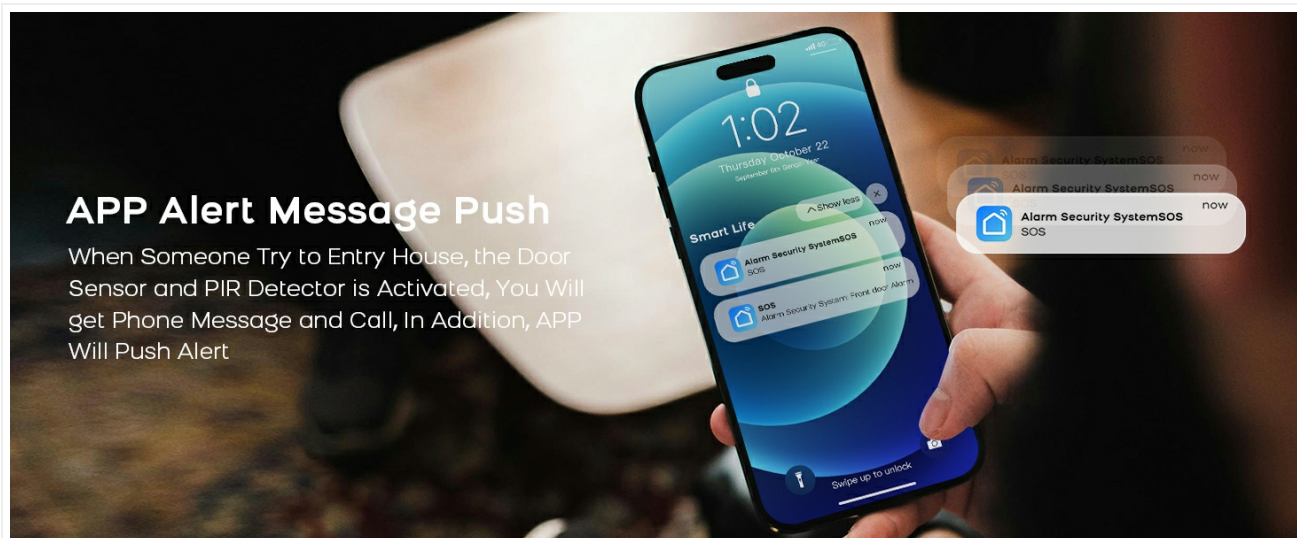
Image: A PIR motion detector installed in a room, illustrating its ability to precisely detect an intruder's movement within its wide-angle detection range.

4.3 App Setup (Tuya / Smart Life)

1. Download the Tuya Smart or Smart Life app from your smartphone's app store.
2. Register for an account or log in if you already have one.
3. Follow the in-app instructions to add your PGST alarm system. Ensure your phone is connected to the same 2.4GHz WiFi network as the alarm panel during setup.
4. Once connected, you can manage sensors, arm/disarm the system, and receive alerts directly from the app.

5. OPERATING INSTRUCTIONS

5.1 Arming and Disarming

The system can be armed and disarmed via the main panel, remote control, or the mobile app.

- **Arm (Away Mode):** Activates all sensors. Ideal when no one is home.
- **Stay Arm (Home Mode):** Activates perimeter sensors (e.g., door/window sensors) while allowing free movement inside.
- **Disarm:** Deactivates all sensors.

You can also set regular arm/disarm schedules through the app for convenience.

Arm and disarm regularly saving time and effort

You can set the arm, disarm, stay arm, SOS and other functions on the app. On reaching the time set, the system will automatically start this function.

🔒 **07:00** Automatically disarm upon waking up

🔒 **08:00** Automatic Arm when going out

🔒 **18:00** Automatically disarm upon returning home

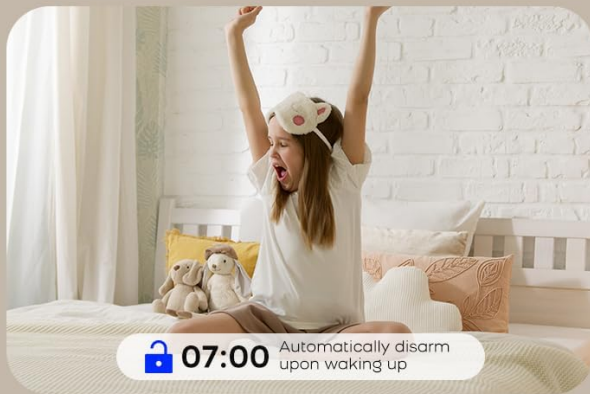🔒 **22:00** Automatic Arm when sleeping

Image: Four panels illustrating how the system can be set to arm and disarm regularly, saving time and effort. Examples include automatically disarming upon waking up, automatic arming when leaving out, automatically disarming upon returning home, and automatic arming when sleeping.

5.2 SOS Function

In case of an emergency, press the SOS button on the main panel or remote control. The system will immediately send a distress signal and notify your preset emergency contacts.

Image: An elderly woman and a man, with an SOS button prominently displayed, highlighting the system's friendly design for the elderly and its ability to send reminders when the SOS button is pressed.

5.3 App Control and Notifications

The Tuya Smart or Smart Life app provides full control over your alarm system from anywhere. You will receive instant push notifications for any detected activity, such as sensor triggers or low battery alerts.

Widely Used in Many Places

Home, Office, Warehouse, Supermarket

Image: A smartphone screen displaying app alert messages, indicating that when someone tries to enter the house and a door sensor or PIR detector is activated, the user will receive phone messages, calls, and app push alerts.

Image: A woman looking at her phone, with icons representing five family members, illustrating the feature to preset five alarm calls to ensure every alert is received and home safety is maintained.

6. MAINTENANCE

6.1 Battery Replacement

The wireless sensors are battery-powered. The system will notify you via the app when a sensor's battery is low.

- When a low battery alert is received, replace the batteries in the affected sensor promptly.
- Refer to the specific sensor's compartment for battery type (e.g., Alkaline).
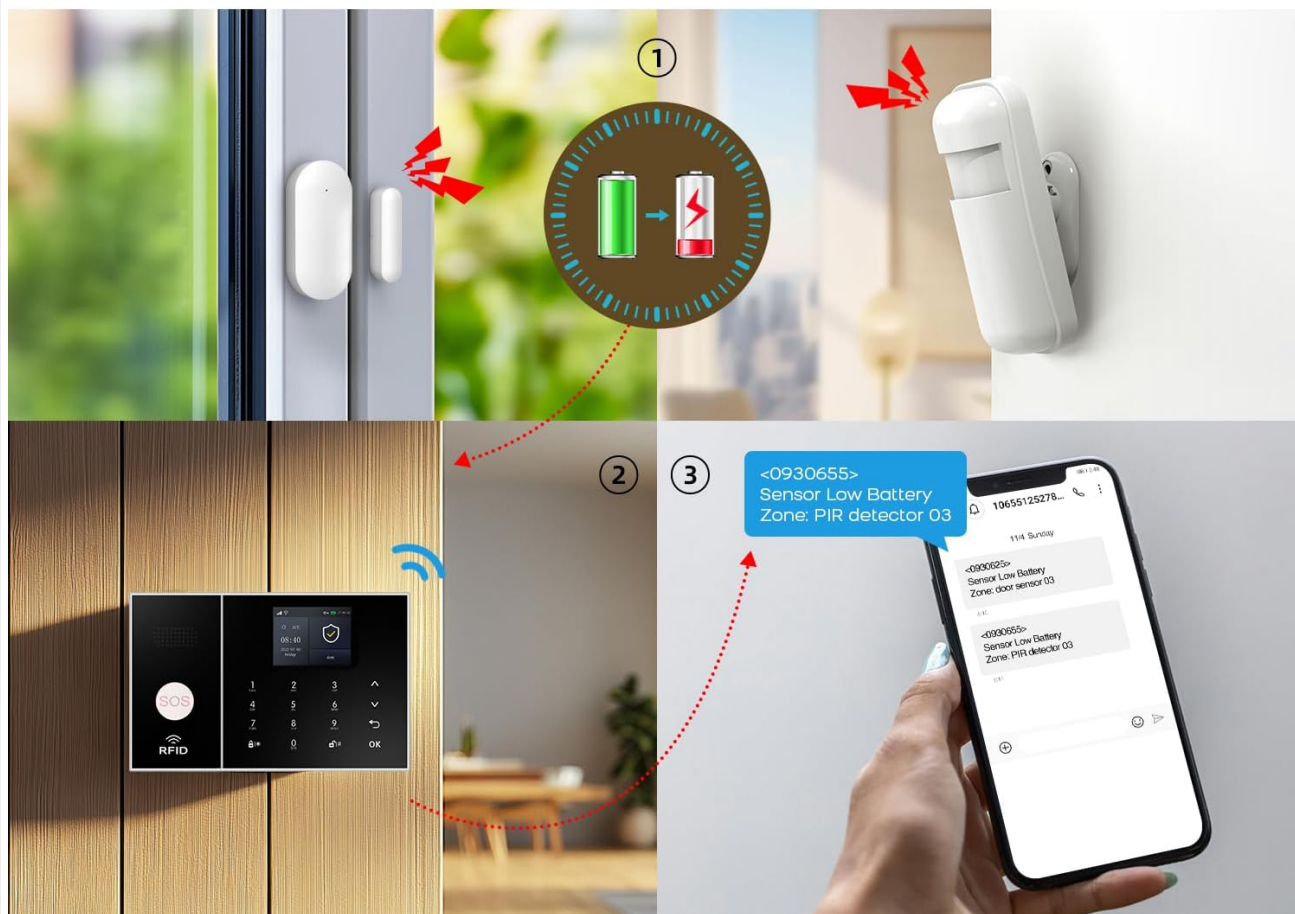
Image: A diagram illustrating the wireless sensor low battery alarm process, where a door magnet or infrared sensor sends low voltage signals to the host, which then pushes information to the user through the app.

6.2 Cleaning

Wipe the main panel and sensors with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the surfaces.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your PGST alarm system.

Issue	Possible Cause	Solution
System not connecting to WiFi	Incorrect WiFi band (5GHz), wrong password, weak signal.	Ensure your router is broadcasting a 2.4GHz network. Double-check the WiFi password. Move the panel closer to the router or use a WiFi extender.
Sensors not triggering alarm	Low battery, improper installation, sensor out of range.	Check sensor batteries and replace if needed. Verify sensor alignment (door/window) or clear line of sight (motion). Ensure sensors are within the main panel's wireless range.

Issue	Possible Cause	Solution
No app notifications	App permissions not granted, phone's notification settings, app not running in background.	Check your phone's app settings to ensure notifications are enabled for Tuya Smart/Smart Life. Ensure the app is allowed to run in the background.
False alarms	Improper sensor placement, pets, environmental factors.	Adjust motion sensor sensitivity or reposition to avoid pets. Ensure door/window sensors are securely mounted and not affected by drafts.
Anti-demolition alarm triggered	Main panel moved or tampered with.	This is a security feature. If the main panel is detached from its mounting, it will trigger an alarm and send a notification. Re-secure the panel properly.

Support 11 Languages Switched Freely

Support Multi-Language Menu Display, Voice Operation Prompts And Alarm SMS Settings

Ciao
Cześć
Guten Tag
olá
дравствуйте
Hello
你好
¡Hola!
Bonjour

11
Languanges Optional:
Chinese, English, German, Russian, Spanish, Polish, Italian, French, Portuguese, Greek, Romanian

Image: A close-up of the main alarm panel's back, illustrating the anti-demolition alarm function. If the detachable device at the back is removed, the host will beep and send a call or text message.

8. SPECIFICATIONS

Feature	Detail
Brand	PGST
Model Number	PGST A108F
Power Source	Battery Powered (for sensors), AC Powered (for main panel)
Compatible Devices	Smartphone, Tablet
Dimensions (Main Panel)	8.6 x 5.9 x 3.9 inches
Connectivity Technology	Wireless (2.4GHz WiFi)
Installation Type	Screw-In
Alert Type	Audio & Motion, App Push, Call, SMS
Control Method	App, Touch Screen, Remote Control
Battery Cell Composition	Alkaline (for sensors)
Sensor Technology	Motion Sensor, Door/Window Magnetic Sensor
UPC	704444502396
Item Weight	1 pounds (total kit)

9. WARRANTY & SUPPORT

9.1 Warranty Information

The PGST WiFi Home Security Alarm System comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

If you have any questions, require assistance with setup, or encounter any issues not covered in this manual, please do not hesitate to contact PGST customer support. We are committed to providing prompt and helpful service.
For more information and additional products, please visit the official PGST Store: PGST Store on Amazon

- **Common Questions:**
- **Q: What network does this home security system support?**
  A: It only supports 2.4GHz WiFi (not for 5G WiFi) and 4G GSM card. You can receive a Tuya app alert push, while a 4G card can call you or send you a message if an emergency happens.
- **Q: What should I do if I don't know how to set it up after receiving it?**
  A: We can provide additional operation videos if necessary.
- **Q: Does this device support adding more sensors and accessories?**
  A: Yes, you can add more sensors and accessories, like sirens and cameras, from our store.

Related Documents - PGST A108F

	[PGST Smart Alarm System - Operating Instructions and Support](#) Get started with your PGST Smart Alarm System (PG-103, PG107). This guide provides operating instructions, support contact, and information on multilingual resources for home security.
	[PGST PG-109 Alarm Host User Manual](#) Comprehensive user manual for the PGST PG-109 Alarm Host security system, covering installation, operation, features like remote control, wireless detectors, app integration, and technical specifications.
	[GSM & WiFi Alarm System User Manual](#) User manual for the GSM & WiFi Alarm System, detailing features, setup, operation, and mobile app integration for the PG103 alarm host.
	[PGST PG-500 GSM 2G/4G/WiFi Alarm System User Manual](#) Detailed user manual for the PGST PG-500 GSM 2G/4G/WiFi Alarm System. Covers installation, mobile app setup and operation, system settings, daily use, maintenance, technical specifications, and troubleshooting.
	[Smart System Alarmowy PG-103 PGST Tuya GSM 4G Instrukcja obsługi](#) Instrukcja obsługi systemu alarmowego Smart System Alarmowy PG-103 PGST Tuya GSM 4G. Szczegółowe informacje o funkcjach, instalacji, konfiguracji i codziennej obsłudze urządzenia.
	**[PG-S01 Smoke Alarm User Manual	PGST](#)** Comprehensive user manual for the PGST PG-S01 Smoke Alarm, covering installation, operation, troubleshooting, and technical specifications. Ensure home safety with this reliable photoelectric smoke detector.