PGST PGST107F-US-F

PGST Home Security System User Manual

Model: PGST107F-US-F | Brand: PGST

INTRODUCTION

The PGST Home Security System is a comprehensive wireless alarm solution designed to provide real-time alerts and peace of mind for your property. This system integrates seamlessly with your home environment, offering advanced features such as APP control, voice assistant compatibility, and expandable sensor options. It operates without monthly subscription fees, making it a cost-effective security choice.

This manual provides detailed instructions for setting up, operating, and maintaining your PGST Home Security System to ensure optimal performance and security.

WHAT'S INCLUDED (24 PACK KITS)

- 1 x PGST A107F Alarm System Host (Main Control Panel)
- Multiple Door Sensors (Magnetic Contact Sensors)
- Multiple PIR Motion Detectors
- Remote Controls
- RFID Tags
- Power Adapter and USB Type C Cable
- Mounting Hardware (Screws, etc.)
- User Manual

Figure 1: Overview of the PGST Home Security System components included in the 24-piece kit.

Setup

1. Main Control Panel Installation

The PGST A107F Alarm System Host is designed for easy installation. Choose a central location in your home or office, preferably near a power outlet and within Wi-Fi range. The unit can be mounted on a wall using the provided hardware or placed on a flat surface.

4.3-inch TFT colorful display screen

Multi-function, such as APP notification, SMS notification voice intercom etc

Figure 2: The 4.3-inch TFT colorful display screen of the main control panel, showing its user-friendly interface.

Figure 3: The anti-demolition alarm feature on the back of the main unit. If removed, an alarm will sound and a notification will be sent.
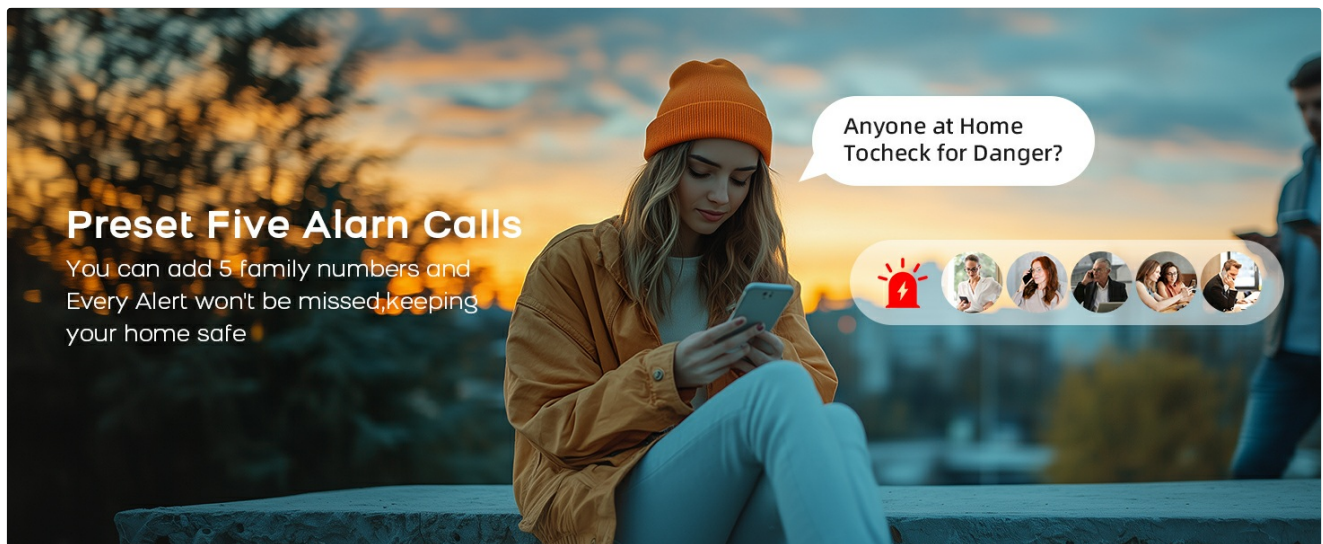
2. Power Connection and SIM Card Installation

Connect the main control panel to a power source using the provided USB Type C cable and power adapter. For 4G connectivity and phone call alerts, install a compatible SIM card into the designated slot on the back of the unit. Ensure the power switch is in the OFF position before inserting or removing the SIM card.

3. App Download and Network Configuration

Download the "Smart Life" or "Tuya Smart" application from your smartphone's app store. Follow the in-app instructions to add your PGST A107F Alarm System Host. The system supports both Wi-Fi (2.4GHz) and 4G connectivity for remote control and alerts.
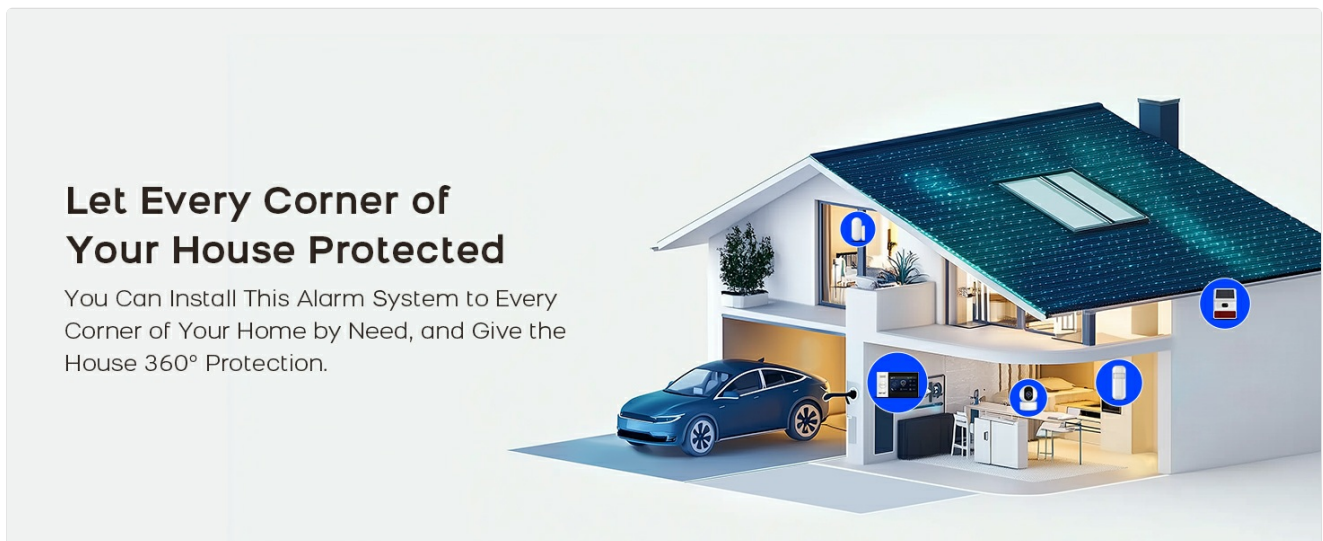
Figure 4: Network configuration steps for connecting the alarm system to your Wi-Fi network via the Smart Life/Tuya app.
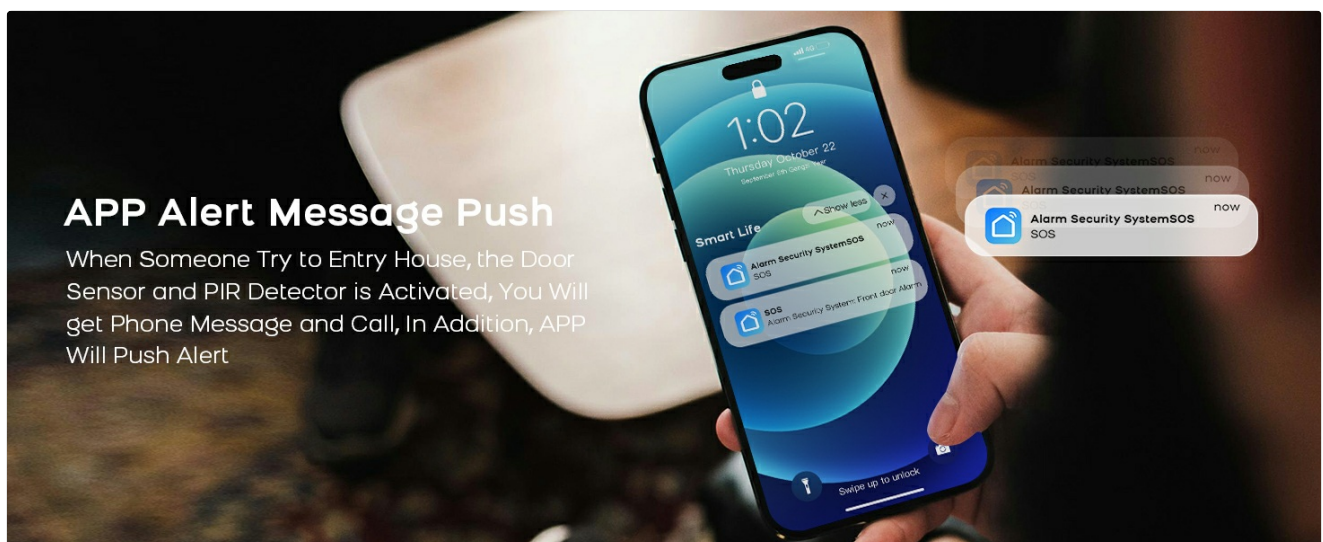
4. Sensor Installation and Pairing

Install the door sensors on doors and windows, ensuring the two parts are aligned and close to each other. Place motion detectors in strategic areas to cover entry points or valuable spaces. Follow the system's pairing instructions to connect each sensor wirelessly to the main control panel. The system is highly customizable, allowing you to add more sensors as needed.

Figure 5: Door/Window Sensor installation. These sensors detect the opening and closing of doors and windows.

Figure 6: PIR Motion Detector placement. These detectors precisely identify intruder movement within their wide-angle range.

Arming and Disarming

The system offers multiple arming modes:

- **Arm:** Activates all sensors for full protection when you leave the property.
- **Disarm:** Deactivates the alarm system, allowing free movement within the property.
- **Stay Arm:** Activates perimeter sensors (e.g., door/window sensors) while allowing movement within the interior, ideal for when you are home.

You can arm/disarm the system using the main control panel, remote controls, or through the Smart Life/Tuya APP. Scheduled arming and disarming can also be configured via the app.

Figure 7: Example of scheduled arming and disarming to save time and effort.

SOS Function

In an emergency, activate the SOS button on the main panel or remote. The system will immediately send a distress signal to pre-designated emergency contacts (family, neighbors, local authorities) via phone calls and app notifications, ensuring rapid response.

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

Figure 8: The system's ability to make 5 preset alarm calls to ensure no alert is missed.

Widely Used in Many Places

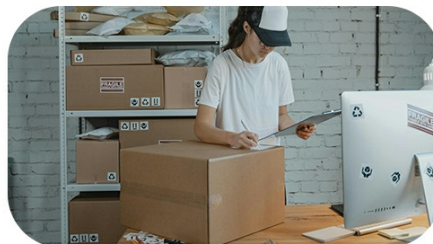Home, Office, Warehouse, Supermarket

Figure 9: App alert message push for immediate notifications when sensors are activated.

Configure the network `Steps`

Method 1:

Host operation: `Menu` → `WI-FI` → `Soft AP Configure`

Auto Search

Phone operation: `WIFI (2.4GHz)` → `Bluetooth` → `Smart life APP` → `Add devices`

Method 2:

Host operation: `Menu` → `WI-FI` → `Air link Configure`

Phone operation: `WIFI (2.4GHz)` → `Smart life APP` → `Add devices` → `Sensors` → `Alarm` → `WIFI` → `Blink Quickly`

Figure 10: Voice control functionality with Alexa and Google Assistant for convenient system management.

Voice Intercom (with compatible cameras)

If integrated with compatible cameras, the system supports voice intercom functionality, allowing you to speak through the camera to deter intruders or communicate with family members.

Your browser does not support the video tag.

Video 1: Demonstrates the voice intercom feature, showing how linked cameras can be used to communicate or deter intruders.

Multi-Language Support

The system supports 10 languages for menu display, voice operation prompts, and alarm SMS settings, allowing users to select their preferred language for ease of use.

Figure 11: The multi-language support feature of the alarm system, offering 10 language options.

MAINTENANCE

Battery Replacement for Wireless Sensors

The wireless sensors (door magnets, PIR detectors) are battery-powered. The system will send low voltage signals to the host, and the host will push information to your APP when batteries need replacement. Refer to the individual sensor manuals for specific battery types and replacement procedures.

Wireless sensor battery
low battery alar

Door magnet, infrared low voltage sends signals to the host, and
the host pushes information to the user through the APP
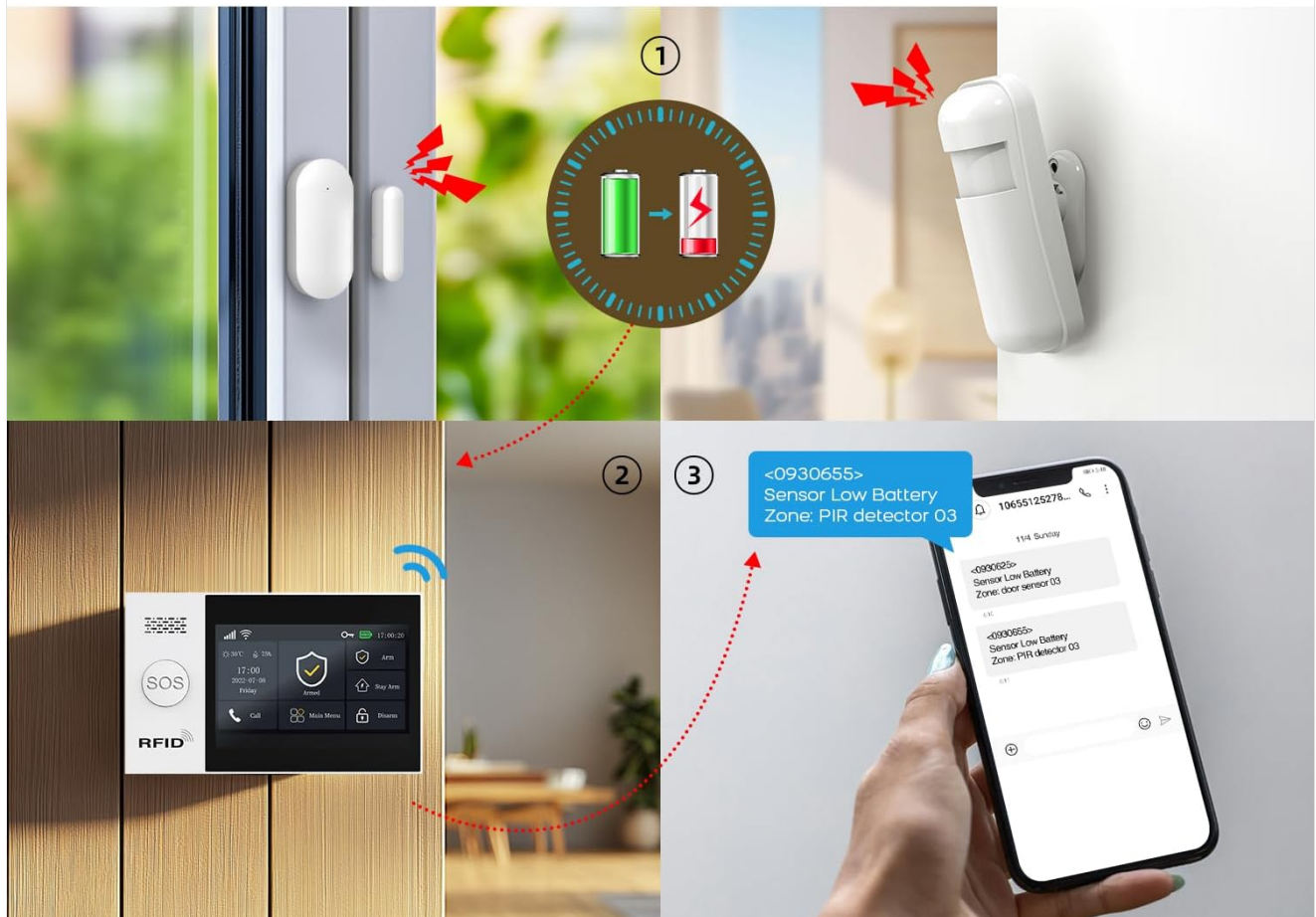

Figure 12: Visual representation of low battery alerts for wireless sensors, notifying users via the app.

General Care

Keep the main control panel and sensors clean by wiping them with a soft, dry cloth. Avoid using abrasive cleaners or solvents. Ensure sensors are free from obstructions that might interfere with their operation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No App Notifications	Poor Wi-Fi/4G connection; App permissions; Incorrect settings.	Check network connection; Ensure app has notification permissions; Verify alert settings in the app.
Sensor Not Triggering	Low battery; Incorrect installation/alignment; Out of range.	Replace sensor battery; Re-align sensor parts; Move sensor closer to host; Re-pair sensor.
Voice Control Not Working	Incorrect voice assistant setup; Network issues.	Ensure proper linking with Alexa/Google Assistant; Check network stability.

For further assistance, please refer to the detailed troubleshooting section in the full user manual or contact PGST customer support.

SPECIFICATIONS

Feature	Detail
Brand	PGST
Model Number	PGST107F-US-F
Power Source	Corded Electric
Compatible Devices	Tablet, Smartphone
Item Dimensions (L x W x H)	8.6 x 5.9 x 3.9 inches
Connectivity Technology	Wireless (WIFI/4G)
Installation Type	Wireless DIY
Alert Type	Audio & Motion
Control Method	App, Remote, Voice
Battery Cell Composition	Alkaline
Included Components	1 SET PGST A107F Alarm System
Unit Count	24.0 Count (for this kit)
Sensor Technology	Motion Sensor
Connector Type	USB Type C
Item Weight	2.83 pounds
Country of Origin	China

WARRANTY & SUPPORT

The PGST Home Security System comes with a **1-Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For any questions regarding installation, operation, troubleshooting, or warranty claims, please feel free to contact PGST customer support. Refer to the contact information provided in your product packaging or on the official PGST website.