

## PGST PG107-4GUS-E

# PGST Home Security Alarm System User Manual

Model: PG107-4GUS-E

## 1. INTRODUCTION

The PGST Home Security Alarm System is a comprehensive DIY solution designed to provide robust protection for your home. Featuring a 4.3-inch full touchscreen, this system supports both Wi-Fi and GSM dual networks, ensuring continuous security even during internet outages. It includes motion detection, contact sensors, a wireless siren, remotes, and phone app compatibility, offering a versatile and user-friendly security experience with no monthly fees.



Figure 1: Overview of the PGST Home Security Alarm System components.

## 2. PACKAGE CONTENTS

The 21-piece PGST Home Security Alarm System package typically includes the following components:

- 1 x Main Alarm Host (with 4.3-inch touchscreen)
- 4 x Wireless Motion Detectors
- 8 x Wireless Door/Window Contact Sensors
- 3 x Remote Controls
- 1 x Wireless Siren
- 3 x RFID Tags
- 1 x Power Adapter
- Mounting Hardware (screws, anchors)
- User Manual (this document)



Figure 2: Visual representation of the included security components.

### 3. SETUP AND INSTALLATION

The PGST Home Security Alarm System is designed for easy DIY installation. Follow these steps to set up your main alarm host and sensors.

#### 3.1 Main Alarm Host Installation

For a visual guide on installing the alarm host, please refer to the video below:

Your browser does not support the video tag.

Video 1: Installation tutorial for the PGST Alarm Host. This video demonstrates how to mount the main unit to a wall, connect power, and complete the physical setup.

1. **Prepare the Host:** Take down the anti-demolition piece from the back of the alarm host.
2. **Mount the Bracket:** Mount the anti-demolition piece on the wall using the provided screws. This piece serves as a mounting bracket.
3. **Connect Power:** Remove the back cover of the alarm host. Power on the device by connecting the data cable into the card slot and then taking it out.
4. **Secure the Host:** Put the back cover back on. Align the holes on the back of the alarm host with the mounted bracket and install the alarm host to complete the physical installation.

#### 3.2 Sensor Installation

Install motion detectors and door/window contact sensors in strategic locations to cover entry points and high-traffic areas. All sensors are wireless and typically use self-adhesive backing for easy placement.

- **Motion Detectors:** Place motion detectors in corners of rooms or hallways to cover a wide area. Optimal installation height is 1.8 to 2.2 meters (approximately 6 to 7.2 feet) for a 32ft (10m) range and 110° field of view.
- **Door/Window Sensors:** Install the two parts of the door/window sensor on the frame and the movable part of the door or window, ensuring they are aligned and close to each other when the door/window is closed.

# Protect every part of your home

32ft (10m)range / 110°field of view



Figure 3: Motion detector placement and coverage.



## Your Windows & Doors Safeguard



Real-time Alarm



Easy to install



Versatile Uses



Long Batteries Life



Compact Design

Figure 4: Door and window safeguard with contact sensors.

## 4. OPERATING THE SYSTEM

### 4.1 Touchscreen Interface

The 4.3-inch color IPS display provides a capacitive touchscreen for full operation. The main interface displays real-time status, data, and clock, making the host status clear and intuitive. The system supports multilingual menus and voice operation.

## 4.3-inch full touchscreen Support WIFI& 2G/3G/4G

Simple design, sensitive trigger, intuitive operation



Figure 5: User interacting with the touchscreen interface.

### 4.2 Arming and Disarming

The system offers various arming statuses:

- **Away Arm:** Activates all sensors for full protection when no one is home.
- **Home Arm:** Activates perimeter sensors (e.g., door/window sensors) while allowing movement inside.
- **Delay Arm:** Provides a set time delay before arming, allowing you to exit the premises.
- **Timely Arm:** Scheduled arming.
- **Disarm:** Deactivates the alarm system.

You can control the system via the touchscreen, remote controls, phone app, or voice commands.

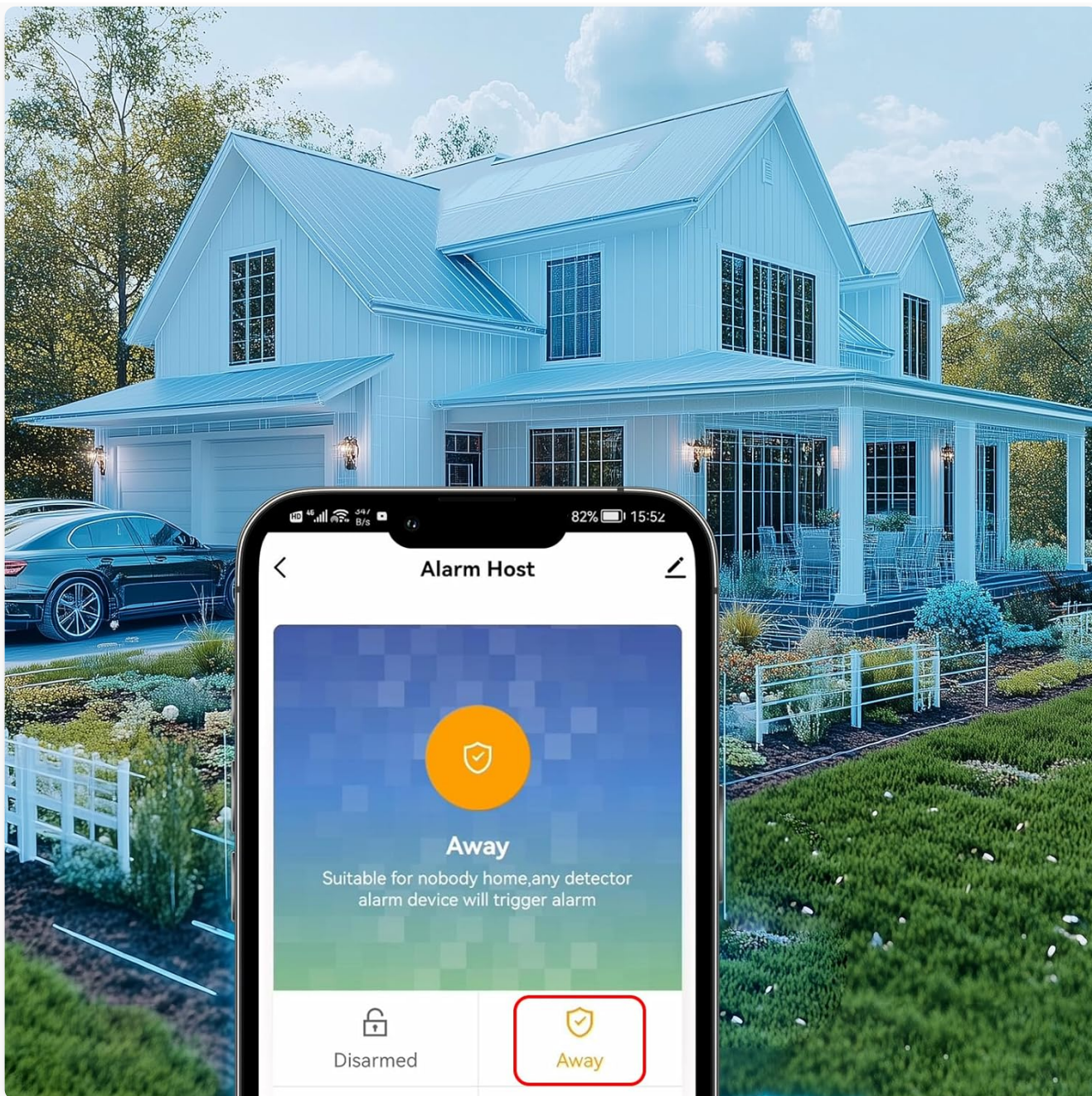


Figure 6: Controlling the alarm system via the phone app.

### 4.3 Remote Control Functions

The included remote controls provide quick access to four modes:

- **Arm:** Activates the alarm system.
- **Disarm:** Deactivates the alarm system.
- **Home:** Activates home arm mode.
- **SOS:** Triggers an immediate emergency alarm.



Figure 7: Remote controls for instant safety.

## 4.4 RFID Tap

Use an RFID card to quickly switch your home security system status without needing to enter a password. This provides a convenient and fast method for arming or disarming.

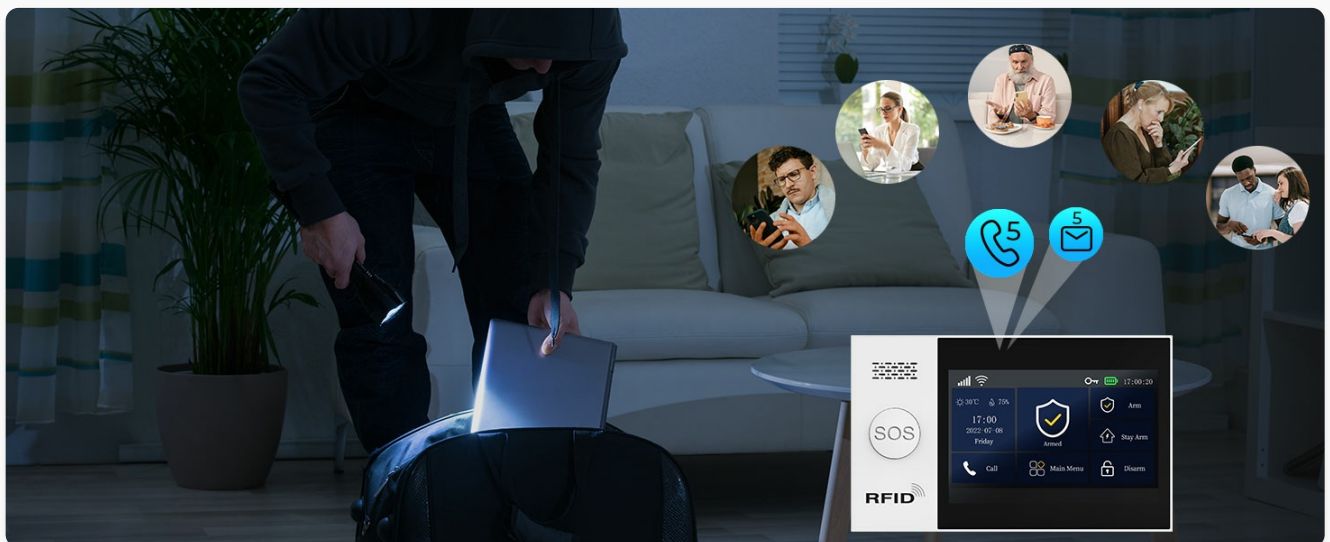


Figure 8: RFID tags for quick system control.

## 4.5 Voice Control (Alexa Compatible)

The system is compatible with Alexa, allowing for convenient voice control. Simply use commands like "Alexa, arm my home!" to manage your security system hands-free.

## Multi-language Support

Supports English, Italian, Polish, Spanish, Russian, Greek, German, French, Portuguese, Chinese, Romanian



Figure 9: Voice control integration with Alexa.

### 4.6 Instant Alerts and Siren

When a motion detector monitors movement or a door/window sensor is triggered, an alarm sound will be activated immediately. The system sends instant push alerts to your smartphone via the app. The wireless siren produces a loud 100dB alarm to deter intruders.

#### Arm, Disarm, Home, SOS – Instant Safety

The remote control has four modes, namely armed/disarmed/HOME/SOS. It is compact and convenient to carry, and can effectively and promptly ensure the safety of you and your family when needed.



Figure 10: Instant motion alerts for 24/7 protection.

#### No Additional Subscription Costs



Figure 11: 100dB loud alarm for intruder deterrence.

## 5. MAINTENANCE

- **Battery Life:** The CR2450-powered door sensors and AAA-powered motion detectors are designed for long-lasting performance, typically lasting 12+ months.
- **Low-Power Alerts:** The central hub continuously monitors battery levels of connected sensors and will trigger low-power alerts, ensuring you are notified when batteries need replacement.
- **Physical Anti-Tamper:** The main alarm host features physical anti-tamper mechanisms. Any forced removal will trigger an instant alarm.
- **Password-Lock Alarm:** Once the screen lock is activated, the alarm can only be stopped by entering the correct password, preventing unauthorized disarming.
- **Post-Power Failure Functionality:** The alarm system is designed to continue functioning for up to 5-8 hours when there is a sudden loss of power or internet connection at home, thanks to its built-in battery backup.

### Usable Post-power Failure Keep Working, Even No WiFi/4G

The alarm will continue to function for up to 5~8 hours when there is a sudden loss of power or internet connection at home.



Figure 12: System functionality during power outages.

## 6. TROUBLESHOOTING

If you encounter any issues with your PGST Home Security Alarm System, please consider the following common solutions:

- **System Not Responding:** Ensure the main alarm host is properly powered and connected to Wi-Fi (2.4GHz only) or has a working GSM SIM card inserted.
- **Sensor Not Triggering:** Check the battery level of the sensor. Ensure the sensor is within range of the main host and that its components (for door/window sensors) are correctly aligned.
- **App Connectivity Issues:** Verify your smartphone's internet connection and ensure the app is updated to the latest version. Restarting both the alarm host and your smartphone may resolve temporary glitches.
- **False Alarms:** Review sensor placement to avoid areas with drafts, direct sunlight, or pets that might trigger motion detectors. Adjust sensitivity settings if available.
- **Password Issues:** If you forget your password, refer to the detailed instructions provided with your system for password reset procedures.

For more detailed troubleshooting steps or persistent issues, please refer to the comprehensive user manual included in your package or contact PGST customer support.

## 7. SPECIFICATIONS

Feature	Detail
Brand	PGST
Model Number	PG107-4GUS-E
Color	PG107-4GUS-E
Power Source	AC power with battery backup
Compatible Devices	Alexa, Smartphone, Phone App
Item Dimensions (L x W x H)	3.6 x 2.9 x 2.8 inches
Connectivity Technology	Wireless (2.4GHz Wi-Fi, GSM)
Installation Type	Self-Adhesive
Item Weight	1.76 pounds (0.8 Kilograms)
Battery Cell Composition	Lithium Ion (main unit), CR2450 (door sensor), AAA (motion detector)
Included Components	Batteries, Main Host, Motion Detectors, Door/Window Sensors, Remote Controls, Wireless Siren, RFID Tags
Material	PVC


## 8. WARRANTY AND SUPPORT

PGST is committed to providing reliable security solutions and excellent customer service. Your alarm system comes with:


- **Lifetime Technical Support:** Access to professional technical assistance for the lifespan of your product.
- **Quick Response:** Dedicated support available to address your inquiries and issues promptly.

For any assistance, please contact PGST customer support through the contact information provided in your product packaging or on the official PGST website.


### No-Risk Purchase




Professional Team



Lifetime Technical Support



Quick Response in 365 Days



Enjoy Intelligent Life


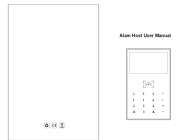

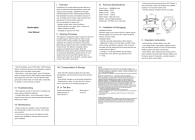
### What we are?

PGST is a 19-year-old brand specializing in intelligent security solutions, and products are sold in numerous countries worldwide. Our alarm systems and security devices are designed with cutting-edge technology, rigorously certified for quality. They provide 24/7 worry-free protection, allowing families and businesses to live with peace of mind and focus on what truly matters.

Figure 13: PGST's commitment to quality and customer support.

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Related Documents - PG107-4GUS-E

	<p><a href="#">PGST Smart Alarm System - Operating Instructions and Support</a></p> <p>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.</p>
	<p><a href="#">PGST PG-109 Alarm Host User Manual</a></p> <p>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.</p>
	<p><a href="#">GSM &amp; WiFi Alarm System User Manual</a></p> <p>User manual for the GSM &amp; WiFi Alarm System, detailing features, setup, operation, and mobile app integration for the PG103 alarm host.</p>
	<p><a href="#">PGST PG-500 GSM 2G/4G/WiFi Alarm System User Manual</a></p> <p>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.</p>
	<p><a href="#">PG-S01 Smoke Alarm User Manual   PGST</a></p> <p>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.</p>

Smart System Alarmowy  
PG-103 PGST Tuya GSM  
4G

Instrukcja obsługi



### [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.