

PGST PG105-4GUS-C

PGST WiFi+GSM/4G Home Smart Alarm Security System User Manual

Model: PG105-4GUS-C

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your PGST WiFi+GSM/4G Home Smart Alarm Security System. Please read this manual thoroughly before using the system to ensure proper functionality and safety.

The PGST alarm system is a DIY wireless burglar alert system designed for home security. It features WiFi and GSM/4G connectivity, allowing for remote control and notifications via the "Smart Life" or "Tuya" APP. The system supports various accessories such as motion detectors, door/window sensors, and remote controls, providing a customizable and expandable security solution without monthly fees.

PACKAGE CONTENTS

Verify that all components are present in the package:

- Alarm Control Panel (Host)
- Siren
- PIR Motion Detector
- Door/Window Sensors
- Remote Controls
- Power Adapter
- Mounting Screws
- User Manual (this document)

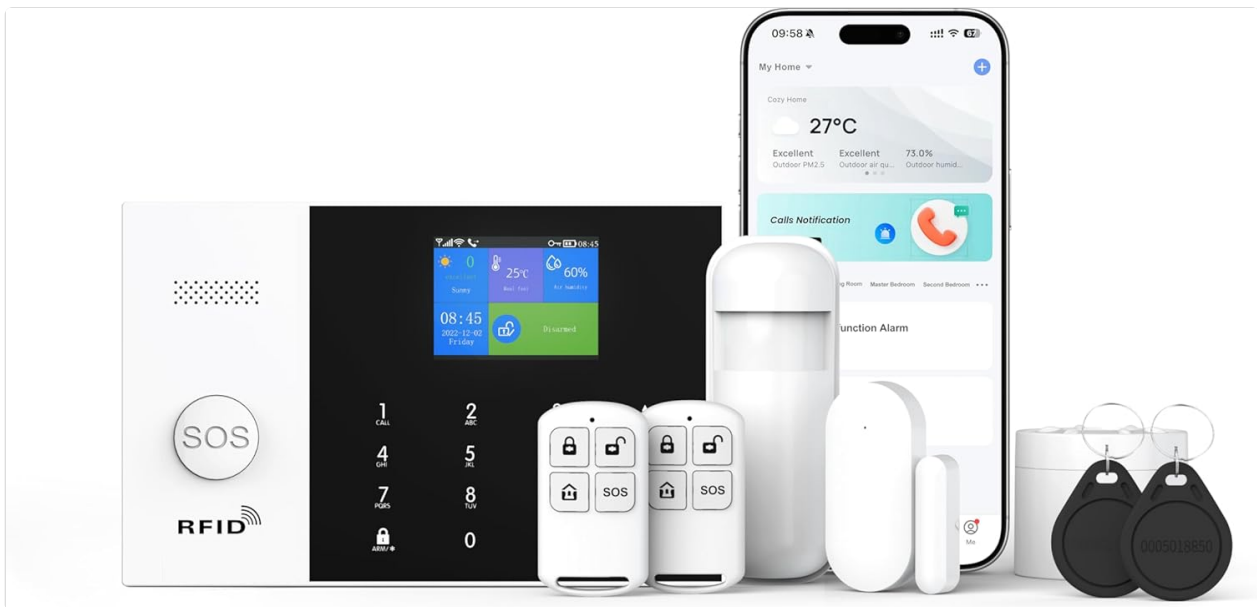


Image: Overview of the PGST Smart Alarm System components, showing the main control panel, a PIR motion detector, a door/window sensor, two remote controls, and two RFID key fobs. A smartphone displaying the "Smart Life" app interface is also visible.

SETUP AND INSTALLATION

1. Powering the Alarm Host

Connect the alarm host to a power source using the provided AC adapter. The system includes a backup battery for continued operation during power outages. Ensure the backup battery is sufficiently charged for optimal performance.

Low Power Consumption, Backup Battery(8.5 Hours)
Take It Easy About Power Failure



Image: The PGST alarm control panel displaying a battery icon with a green charge indicator, signifying low power consumption and an 8.5-hour backup battery life.

2. App Installation and Wi-Fi Connection

1. Download the "Smart Life" or "Tuya" app from your smartphone's app store.
2. Register or log in to your account.
3. Add the alarm host device within the app.
4. Follow the in-app instructions to connect the host to your 2.4GHz Wi-Fi network *Note: 5GHz Wi-Fi networks are not supported.*

3. GSM/4G SIM Card Installation (Optional)

For GSM/4G network functionality, insert a compatible GSM SIM card into the designated slot on the alarm host. This enables cellular backup for alerts and communication.

4. Sensor and Accessory Placement

Strategically place your motion detectors and door/window sensors in key areas of your home. The system supports up to 100 wireless storage locations for accessories.

- **Motion Detector:** Install in corners or areas with high traffic, ensuring a clear line of sight. The motion

detector has a 32ft (10m) range and a 110-degree field of view.

- **Door/Window Sensors:** Mount on doors and windows. Ensure the two parts of the sensor are aligned and close to each other when the door/window is closed.



Image: A PGST motion detector mounted on a wall, illustrating its 32ft (10m) range and 110-degree field of view for comprehensive home coverage.



Your Windows & Doors Safeguard



Real-time Alarm



Easy to install



Versatile Uses



Long Batteries Life



Compact Design

Image: A PGST door and window sensor installed on a window frame, highlighting its role as a safeguard for entry points. These sensors are easy to install, versatile, have long battery life, and a compact design.

OPERATING THE SYSTEM

Arming and Disarming

The system can be armed or disarmed using the control panel, remote controls, or the "Smart Life" / "Tuya" app.

- **Control Panel:** Use the keypad to enter your security code and select arm/disarm options.
- **Remote Control:** Press the arm or disarm buttons on the remote.
- **Mobile App:** Use the "Smart Life" or "Tuya" app for remote arming and disarming from anywhere.
- **RFID Tag:** Tap the RFID tag on the designated area of the control panel to disarm the system.

Timing Arm and Disarm

Save Time and Avoid Repeated Setting Everyday



07:00

Disarm 

Disarm Automatically When Getting Up.



08:00

Arm 

Arm Automatically When Going Out.



18:00

Disarm 

Automatically Disarm When Returning Home



22:00

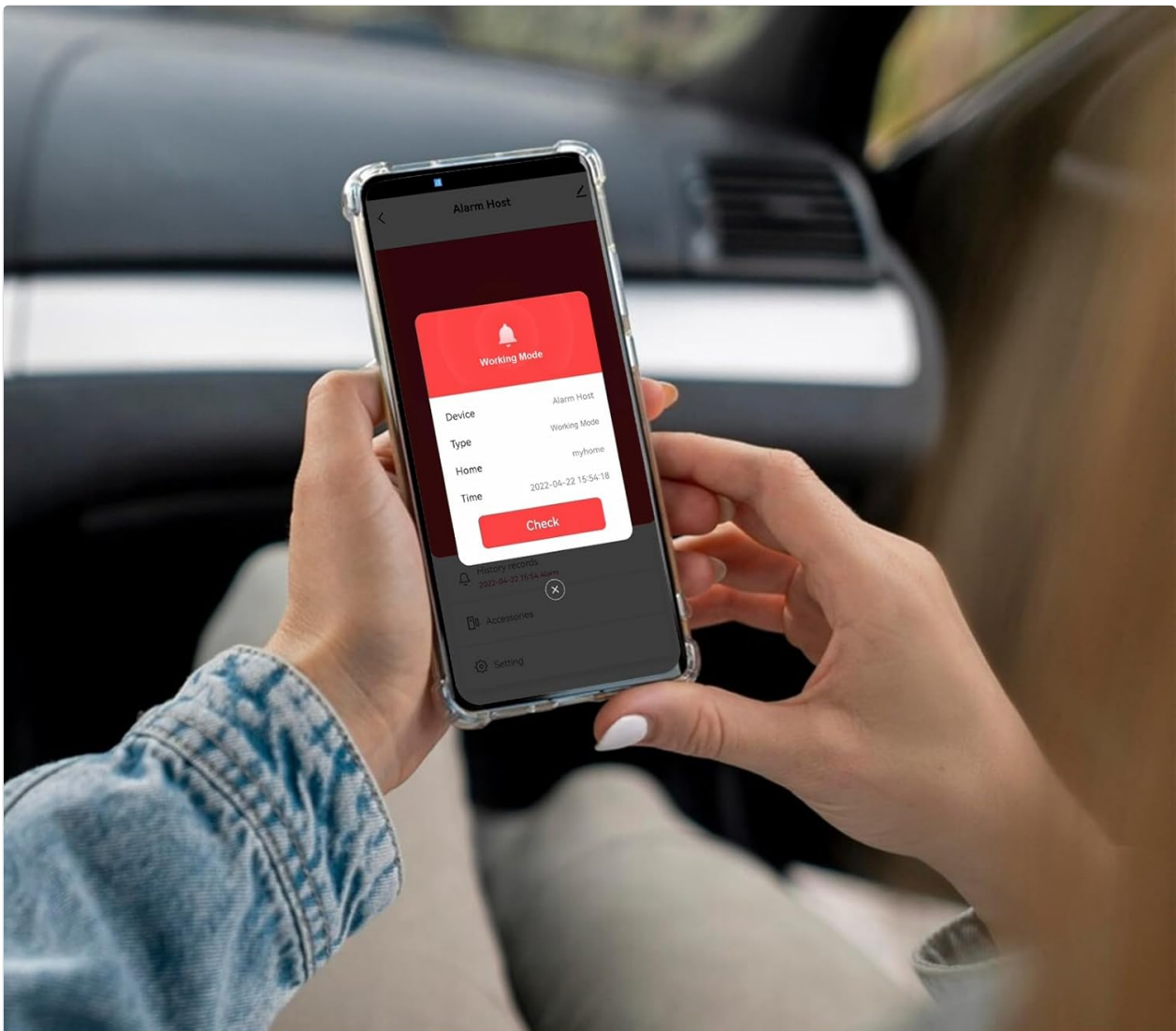
Arm 

Automatically Arm When Going To Bed at Night

Image: Illustration of the timing arm and disarm feature, showing examples like disarming at 07:00 when getting up, arming at 08:00 when going out, disarming at 18:00 when returning home, and arming at 22:00 when going to bed.

Receiving Notifications

When an alarm is triggered, the system will issue an alert up to 120dB and send instant push notifications to your smartphone via the app. If a GSM SIM card is installed, it can also send SMS alerts and make calls to preset numbers.



Instant Notifications

Image: A person holding a smartphone displaying instant push notifications from the alarm security system, indicating an alert.

Two-Way Voice Intercom Function

The alarm host supports two-way voice intercom, allowing you to make and receive calls, and send voice messages through the system. This feature provides an intelligent communication method within your home.

Two-Way Voice Intercom Function

Make And Receive Calls, Voice Messages,
SMS Remote Control, Provide You With An Intelligent Life



Image: An illustration of the two-way voice intercom function, showing a woman on a phone and a child, with speech bubbles indicating communication through the alarm system.

SOS Button

In case of an emergency, press the SOS button on the control panel or remote control to trigger an immediate alarm and notify preset emergency contacts.

Smart Home Integration

The PGST system is compatible with Amazon Alexa and Google Assistant, allowing for voice control of arming and disarming functions.

Support Alexa Voice Control



Image: A woman interacting with an Amazon Alexa device, demonstrating voice control to disarm the security system. The image also indicates compatibility with Google Assistant.

MAINTENANCE

- **Battery Check:** Regularly check the battery levels of wireless sensors and the alarm host's backup battery. Replace batteries as needed.
- **Cleaning:** Gently wipe the control panel and sensors with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Firmware Updates:** Check the "Smart Life" or "Tuya" app periodically for any available firmware updates for the alarm host to ensure optimal performance and security.

TROUBLESHOOTING

Problem	Possible Cause	Solution
System not connecting to Wi-Fi	Incorrect Wi-Fi password; 5GHz network used; router too far.	Ensure correct 2.4GHz Wi-Fi network and password. Move host closer to router.
Sensors not triggering alarm	Low sensor battery; sensor not paired; incorrect zone setting.	Replace sensor batteries. Re-pair sensor with host. Check zone settings in app.
No app notifications	App permissions not granted; internet connectivity issues; app not running in background.	Check app notification permissions. Verify internet connection. Ensure app is allowed to run in background.
GSM/4G not working	SIM card not inserted correctly; no signal; SIM card not activated.	Reinsert SIM card. Check cellular signal strength. Contact your mobile carrier to activate SIM.

SPECIFICATIONS

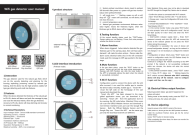




- **Model:** PG105-4GUS-C
- **Brand:** PGST
- **Power Source:** AC Power with Battery Backup
- **Connectivity:** Wireless (2.4GHz WiFi, GSM/3G/4G)
- **Compatible Apps:** Smart Life, Tuya
- **Control Method:** App, Remote Control, Keypad, RFID
- **Max Wireless Accessories:** Up to 100
- **Motion Detector Range:** 32ft (10m)
- **Motion Detector Field of View:** 110 degrees
- **Alarm Volume:** Up to 120dB
- **Dimensions:** 9 x 6 x 6 inches (Alarm Host)
- **Item Weight:** 9.6 ounces
- **Recommended Use:** Indoor

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official PGST website or contact PGST customer service directly. You can also find additional resources and FAQs on the [PGST Store on Amazon](#). If setting up the system is difficult, please refer to the user manual or operation video (if available from the seller).

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Related Documents - PG105-4GUS-C

	<p>GSM & WiFi Alarm System User Manual</p> <p>User manual for the GSM & WiFi Alarm System, detailing features, setup, operation, and mobile app integration for the PG103 alarm host.</p>
	<p>SZ PGST Wifi Gas Detector PA210 User Manual</p> <p>User manual for the SZ PGST Wifi Gas Detector PA210. Learn about its features for natural gas leak detection, Wi-Fi connectivity for mobile alerts, automatic valve control, installation, and emergency response procedures.</p>
	<p>Intelligent Security Alarm System User Manual</p> <p>Learn how to set up and operate your Intelligent Security Alarm System (Model PG-A03) from SZ PGST CO., LTD. This user manual provides detailed instructions on installation, connecting to the Smart Life APP, system modes, and remote management for comprehensive home and business security.</p>
	<p>SZ PGST PG-N01 Wireless Interlinked Smoke & Carbon Monoxide Detector User Manual</p> <p>This user manual provides comprehensive instructions for the SZ PGST PG-N01 wireless interlinked smoke and carbon monoxide detector, covering setup, interconnection, alarm modes, maintenance, troubleshooting, and technical specifications for optimal home safety.</p>
	<p>PG-S11 Smoke Alarm User Manual SZ PGST CO., LTD</p> <p>Comprehensive user manual for the SZ PGST CO., LTD PG-S11 Smoke Alarm. Includes product overview, technical specifications, installation guide, operating instructions, troubleshooting, maintenance, and FCC compliance information.</p>
	<p>PA-443/437 Smoke Alarm User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for the PA-443/437 Smoke Alarm, detailing setup, testing, mute functions, and WiFi configuration.</p>