

PGST PG-103-4G-E

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

USER MANUAL

Model: PG-103-4G-E

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the PGST WiFi+GSM/4G Home Smart Alarm Security System. This comprehensive system is designed to provide robust protection for your home or business, offering advanced features such as dual-network connectivity (WiFi and GSM/4G), remote control via smartphone app, and compatibility with a wide range of wireless accessories. This manual will guide you through the installation, setup, and operation of your new security system, ensuring you can maximize its capabilities for a safer environment.



Figure 1.1: PGST PG-103-4G-E Alarm System with included accessories.

2. PACKAGE CONTENTS

Please check the package carefully to ensure all items are present and in good condition. If any items are missing or damaged, please contact your retailer.

- 1 x PGST PG-103-4G-E Alarm Host Panel
- 1 x Power Adapter
- 1 x Backup Lithium Ion Battery (pre-installed in host)
- Wireless Motion Detectors (PIR sensors)
- Wireless Door/Window Sensors
- Remote Controls (Key Fobs)
- SOS Button
- RFID Tags
- Mounting Screws and Anchors
- User Manual (this document)

Home Security Anti-Theft Alarm System

Protecting Your Life and Property



Figure 2.1: Visual representation of the alarm system components.

3. KEY FEATURES

The PGST PG-103-4G-E system offers a robust set of features for comprehensive home security:

- **Dual Network Connectivity:** Supports both 2.4GHz WiFi and GSM/3G/4G SIM card networks for reliable communication and alerts.
- **Smartphone APP Control:** Compatible with "Smart Life" / "Tuya" apps for remote arming/disarming, parameter settings, and real-time notifications.
- **Expandable System:** Supports up to 100 wireless storage locations for various 433MHz accessories, including motion detectors, door/window sensors, and outdoor sirens.
- **No Monthly Fees:** Enjoy full control of your security system without recurring subscription costs.
- **Scheduled Arm/Disarm:** Program specific times for the system to automatically arm or disarm, eliminating the need for manual daily adjustments.
- **SOS Function:** Dedicated SOS button on remotes and standalone for immediate emergency alerts to pre-set contacts.
- **Voice Monitoring & Intercom:** Allows for two-way audio communication through the alarm host.
- **Voice Assistant Compatibility:** Works with Amazon Alexa and Google Assistant for convenient voice control.
- **Low Voltage Alarm Reminder:** Notifies you when the host panel's backup battery is low.
- **Anti-Disassembly Alarm:** Triggers an alarm if the host panel is tampered with.

Simple Design

2.3 inch TFT Colorful LCD Screen

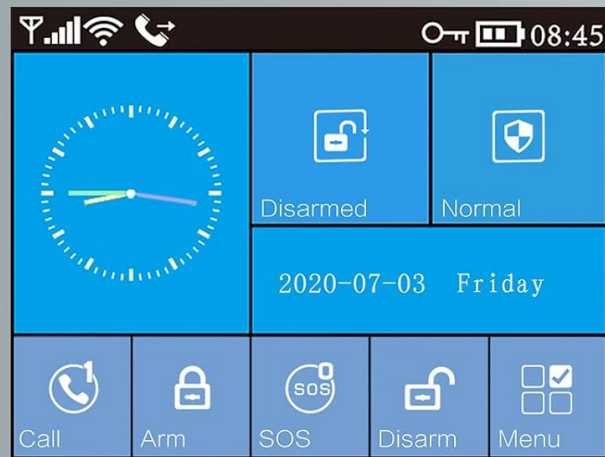


Figure 3.1: Simple Design with 2.3 inch TFT Colorful LCD Screen.



Figure 3.2: Scheduled Arm/Disarm Functionality.



Figure 3.3: SOS Function for emergencies.

On-Site Alarm With Horn

If Someone Breaks In, The Host System Strikes Alarm Immediately And Inform The Owner



Figure 3.4: Support for Alexa Voice Control.

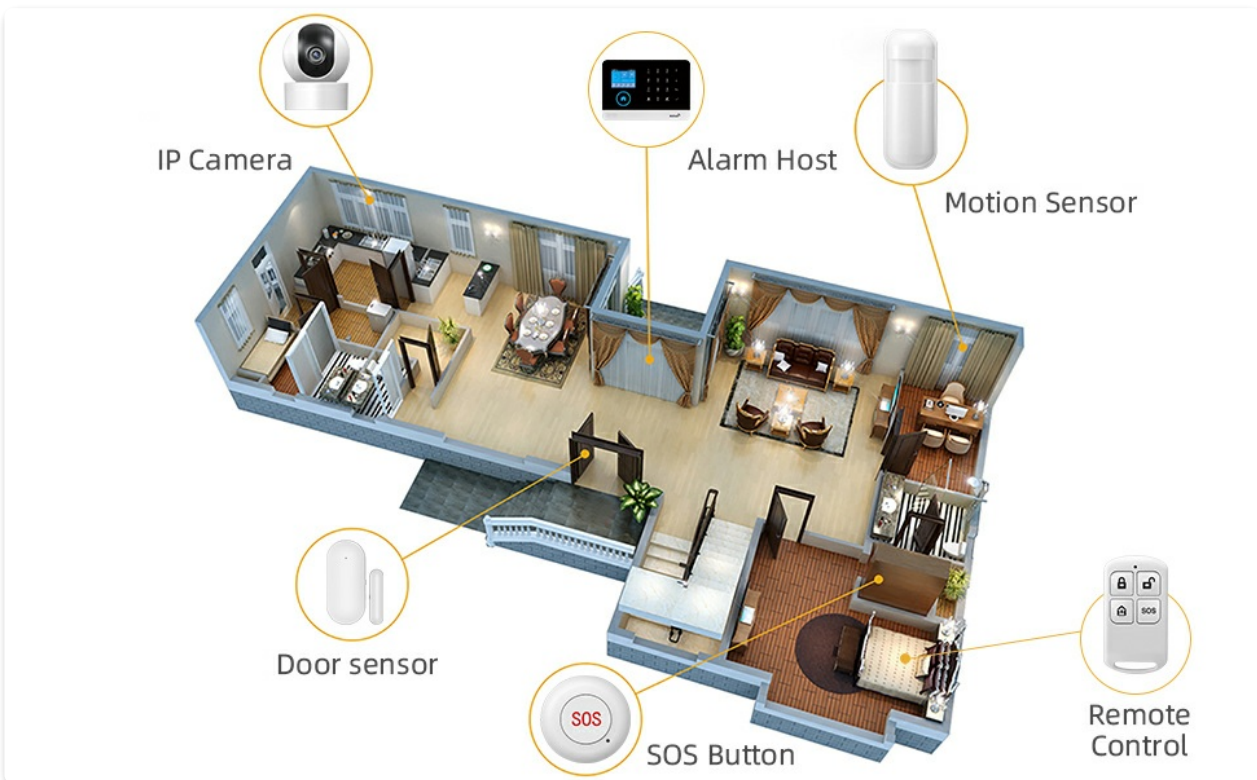


Figure 3.5: Bidirectional Voice Intercom Function.

Arm And Disarm Regularly Save Time And Effort

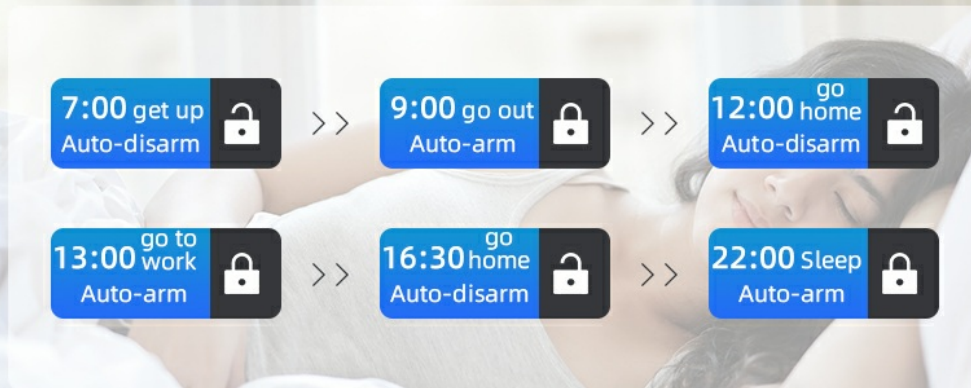


Figure 3.6: On-Site Alarm with Horn.

Low Voltage Alarm Reminder Function



Low Battery Alarm



Anti-Disassembly
Alarm Function

Figure 3.7: Low Voltage Alarm Reminder Function.



Figure 3.8: Scaring Away Intruders.

4. SETUP GUIDE

Follow these steps to set up your PGST alarm system:

4.1 Initial Power-Up

1. Unpack the alarm host panel and all accessories.
2. Connect the power adapter to the alarm host and plug it into a standard electrical outlet. The host will power on automatically.
3. Ensure the backup Lithium Ion battery (included) is properly connected inside the host.

4.2 App Download and Wi-Fi Connection

1. Download the "Smart Life" or "Tuya" app from your smartphone's app store (iOS App Store or Google Play Store).
2. Register for a new account or log in if you already have one.
3. In the app, tap "Add Device" or the "+" icon. Select "Security & Sensor" > "Alarm (Wi-Fi)" or search for

your specific model.

4. Follow the in-app instructions to connect the alarm host to your 2.4GHz Wi-Fi network**Note: 5GHz Wi-Fi networks are not supported.**

4.3 SIM Card Installation (Optional for GSM/4G Functionality)

1. Locate the SIM card slot on the alarm host.
2. Insert a valid GSM/3G/4G SIM card into the slot. Ensure the SIM card is active and has sufficient credit/data for calls and SMS.
3. The host will automatically detect the SIM card. You can verify its status on the host's display or through the app.

4.4 Pairing Wireless Accessories

The system supports up to 100 wireless accessories. Refer to the specific accessory's manual for battery installation.

1. On the alarm host or via the app, enter the pairing mode (usually found under "Accessories" or "Sensors" settings).
2. Activate each accessory (e.g., open a door sensor, trigger a motion detector, press a button on the remote). The host will confirm successful pairing.
3. Assign a name or zone to each paired accessory for easy identification (e.g., "Front Door," "Living Room PIR").

5. OPERATING INSTRUCTIONS

Once set up, operating your PGST alarm system is straightforward:

5.1 Arming and Disarming

- **Via Alarm Host:** Use the keypad to enter your password and select Arm/Disarm.
- **Via Remote Control:** Press the Arm button (usually a closed padlock icon) to arm, and the Disarm button (open padlock icon) to disarm.
- **Via Smartphone App:** Open the "Smart Life" / "Tuya" app and tap the Arm/Disarm icons on the main screen.
- **Scheduled Arm/Disarm:** Set up schedules in the app or host settings for automatic arming/disarming at specific times.

5.2 SOS Function

In case of an emergency, press the dedicated SOS button on the remote control or the standalone SOS button. The system will immediately trigger an alarm and send alerts (calls/SMS) to the pre-set emergency contacts.

5.3 Voice Monitoring and Intercom

Through the smartphone app, you can initiate voice monitoring to listen to the environment around the alarm host. The bidirectional intercom function allows for two-way communication.

5.4 Managing Contacts and Settings

Use the smartphone app to:

- Add or remove emergency contact numbers for calls and SMS alerts.
- Customize alarm types and zone names.
- Adjust alarm volume and duration.
- View alarm history and system logs.

6. MAINTENANCE

Regular maintenance ensures the optimal performance and longevity of your security system:

- **Battery Check:** Periodically check the battery status of all wireless sensors and remote controls. Replace batteries promptly when the low battery indicator appears on the host or app. The host's internal backup battery should also be checked; the system will alert you if it's low.
- **Cleaning:** Use a soft, dry cloth to clean the alarm host panel and sensors. Avoid using abrasive cleaners or solvents that could damage the surfaces.
- **Firmware Updates:** Check the "Smart Life" / "Tuya" app regularly for any available firmware updates for your alarm host. Keeping the firmware updated ensures you have the latest features and security enhancements.
- **Sensor Placement:** Ensure motion detectors and door/window sensors remain securely mounted and unobstructed.

7. TROUBLESHOOTING

If you encounter issues with your PGST alarm system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Alarm host cannot connect to Wi-Fi.	Incorrect Wi-Fi password; 5GHz Wi-Fi network; host too far from router.	Ensure correct 2.4GHz Wi-Fi password. Move host closer to router. Restart router and host.
Sensors not pairing with host.	Sensor battery low; sensor out of range; host not in pairing mode.	Replace sensor battery. Move sensor closer to host. Ensure host is in pairing mode before activating sensor.
No SMS/Call alerts received.	SIM card not inserted correctly; SIM card no credit/data; incorrect emergency numbers.	Check SIM card insertion and balance. Verify emergency numbers in app settings. Ensure network signal is strong.
Alarm sounds unexpectedly.	Sensor triggered; system armed accidentally; faulty sensor.	Check alarm history in app to identify triggered sensor. Disarm system. Test individual sensors.
App cannot control the system.	No internet connection on phone or host; app outdated.	Check phone's internet connection. Verify host's Wi-Fi status. Update "Smart Life" / "Tuya" app.

If the problem persists, please refer to the detailed user manual provided with your product or contact PGST customer support for assistance.

8. SPECIFICATIONS




Key technical specifications for the PGST PG-103-4G-E Alarm System:



- **Model Number:** PG-103-4G-E
- **Manufacturer:** PGST
- **Connectivity Technology:** Wireless (Wi-Fi 2.4GHz, GSM/3G/4G)
- **Wireless Frequency (Accessories):** 433MHz
- **Power Source:** Corded Electric (12 Volts)
- **Backup Battery:** 1 x Lithium Ion battery (included)
- **Item Weight:** Approximately 1.02 Kilograms
- **Product Dimensions:** Approximately 18.54 x 12.45 x 1.47 cm
- **Installation Method:** Self-Adhesive / Wall Mount (screws included)
- **Compatible Devices:** Smartphone (iOS/Android)

9. WARRANTY AND SUPPORT

Your PGST PG-103-4G-E Home Smart Alarm Security System comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact PGST customer service through the contact information provided on the product packaging or the official PGST website. You may also consider purchasing extended warranty plans offered by authorized providers for additional peace of mind. For further assistance, please visit the official PGST support page or consult the detailed operation video if available.

Related Documents - PG-103-4G-E

	<p>PGST Smart Alarm System - Operating Instructions and Support</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>Carbon Monoxide Gas Alarm Detector PG-C01/PG-C02/PG-C03/PG-C04/PG-C05 User Manual</p> <p>Comprehensive user manual for the PGST Carbon Monoxide Gas Alarm Detector models PG-C01, PG-C02, PG-C03, PG-C04, and PG-C05. Covers installation, operation, troubleshooting, maintenance, technical specifications, and important information about carbon monoxide.</p>
	<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>Photoelectric Smoke Alarm User Manual - PGST Models PG-S05 to PG-S09</p> <p>Comprehensive user manual for PGST photoelectric smoke alarms (models PG-S05, PG-S06, PG-S07, PG-S08, PG-S09). Includes installation, operation, maintenance, troubleshooting, and safety information.</p>

<div data-bbox="140 107 287 282"><p>Smart System Alarmowy PG-103 PGST Tuya GSM 4G</p><p>Instrukcja obsługi</p></div>	<p>Smart System Alarmowy PG-103 PGST Tuya GSM 4G Instrukcja obsługi</p> <p>Instrukcja obsługi systemu alarmowego Smart System Alarmowy PG-103 PGST Tuya GSM 4G. Szczegółowe informacje o funkcjach, instalacji, konfiguracji i codziennej obsłudze urządzenia.</p>
<div data-bbox="127 421 296 542"></div>	<p>PG-S01 Smoke Alarm User Manual PGST</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>