PGST PGST A01F

PGST Home Security Alarm System User Manual

Model: PGST A01F (5 PIECE KITS)

1. INTRODUCTION

The PGST Home Security Alarm System is a comprehensive wireless solution designed to provide 24/7 monitoring and real-time alerts for your home. This 5-piece kit includes a smart keypad, door/window sensors, motion sensors, and remote controls, offering enhanced safety features for families and individuals. The system supports both 2.4GHz WiFi and 4G GSM connectivity, ensuring reliable communication and alerts via the Tuya or Smart Life mobile applications.

Figure 1.1: Overview of the PGST 5-piece home security alarm system kit, including the keypad, motion sensor, door/window sensor, and two remote controls.

2. PACKAGE CONTENTS

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

- 1 x PGST A01F Smart Keypad Alarm Host
- 1 x Motion Sensor (PIR Detector)
- 1 x Door/Window Sensor
- 2 x Remote Controls
- 1 x Power Adapter
- Mounting Hardware (screws, anchors)
- 1 x User Manual

Figure 2.1: Visual representation of the main components included in the PGST Home Alarm System kit.

3. SETUP AND INSTALLATION

The PGST Home Security Alarm System is designed for easy DIY installation without complex steps. Follow these guidelines for a smooth setup:
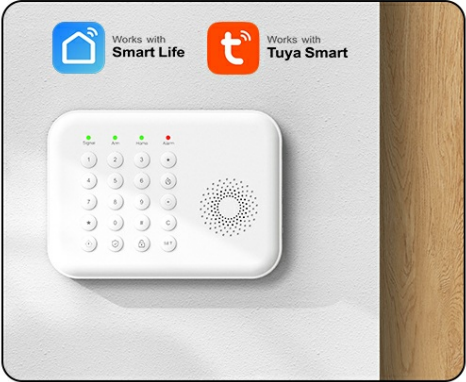
3.1 Initial Setup

1. **Power On:** Connect the keypad alarm host to a power outlet using the provided power adapter. Ensure the power switch on the side of the unit is set to 'ON'.
2. **App Download:** Download the 'Tuya Smart' or 'Smart Life' app from your smartphone's app store.
3. **Account Registration:** Register for a new account or log in if you already have one.
4. **Add Device:** Follow the in-app instructions to add your PGST A01F Smart Keypad Alarm Host. Ensure your phone is connected to a 2.4GHz Wi-Fi network (5GHz Wi-Fi is not supported).

3.2 Connecting to Wi-Fi and Setting Alarm Numbers

The system supports both Wi-Fi (2.4GHz only) and a 4G GSM SIM card for alerts. You can receive app push notifications via Wi-Fi, and the 4G card enables calls or SMS messages during emergencies.

Figure 3.1: Detailed steps for configuring Wi-Fi settings and emergency contact numbers directly on the keypad and through the mobile application.

3.3 Adding Accessories (Sensors and Remotes)

The system is expandable, allowing you to add more sensors and accessories from the PGST store. Follow the pairing instructions below:

Figure 3.2: Step-by-step guide for pairing additional remote controls, door sensors, and motion sensors with your alarm host.

3.4 Sensor Placement

- **Door/Window Sensors:** Install these magnetic contacts on door and window frames. They detect when an opening occurs and send instant alerts.
- **Motion Sensors (PIR Detectors):** Place these in high-traffic areas like hallways or living rooms. They use infrared technology to sense movement and distinguish between human motion and other disturbances.
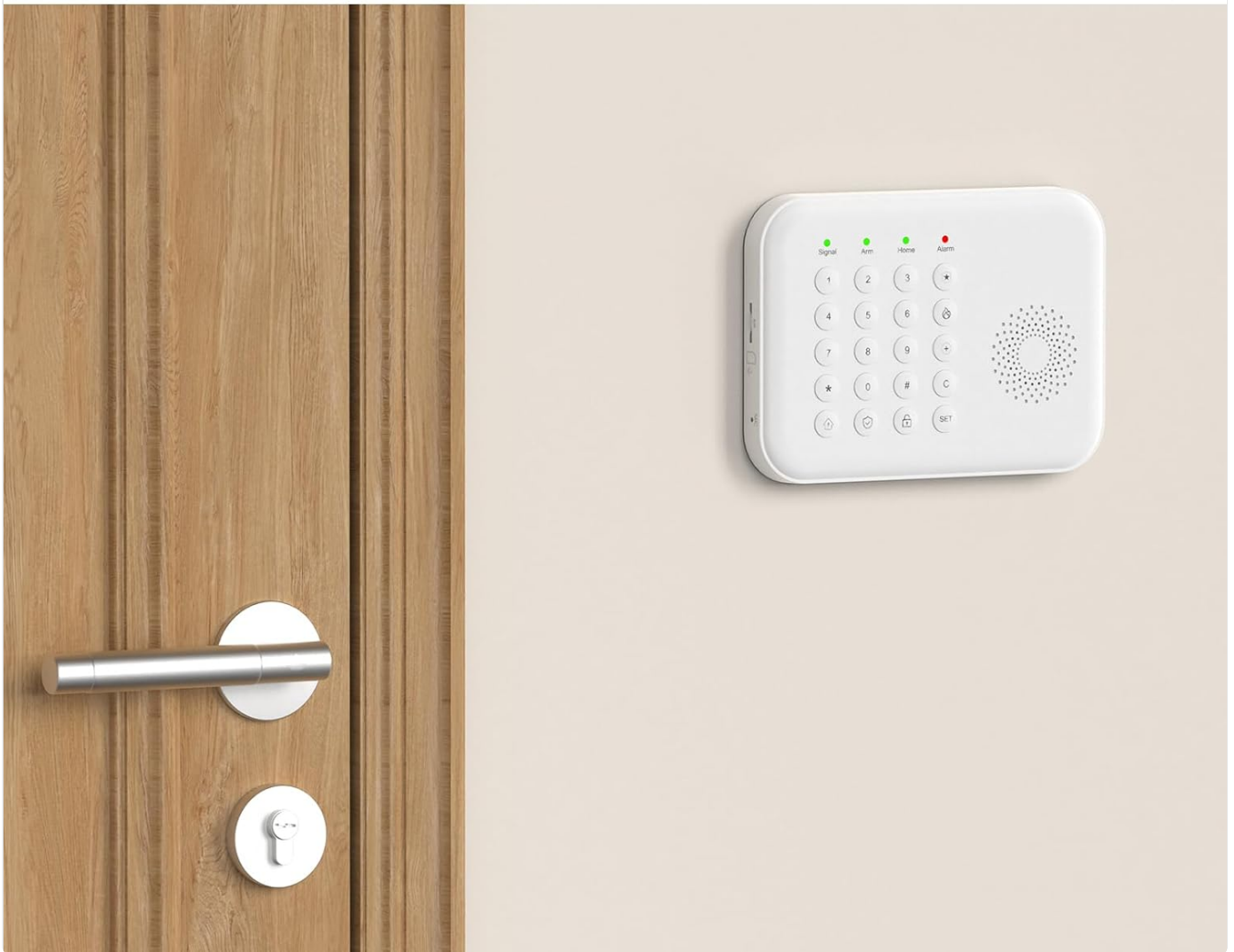
Figure 3.3: Examples of proper placement for door/window sensors and motion sensors to maximize coverage and detection.

4. OPERATING THE SYSTEM

The PGST alarm system offers multiple ways to arm, disarm, and manage your home security.

4.1 Arming and Disarming

- **Keypad:** Use the keypad to enter your security code to arm or disarm the system.
- **Remote Control:** The included remote controls provide quick arm/disarm functionality.
- **Mobile App:** Arm or disarm the system remotely from anywhere using the Tuya Smart or Smart Life app.

Figure 4.1: The system allows for customizable arm and disarm schedules to fit your daily routine.

4.2 Remote Monitoring and Alerts

The mobile app enables you to monitor and control your system from anywhere. You can check the status of sensors and receive real-time alerts on your smartphone. If an emergency occurs, the system can send app push notifications and, if a 4G SIM card is installed, make calls or send messages to preset numbers.

Figure 4.2: The system provides alerts via mobile app push notifications and 4G GSM calls/SMS.

APP ALERT PUSH AND 4G GSM CALLING

With the combination of WiFi and 4G GSM Card,if there is an emergency alert,you can receive a app push,while the host system will call you and send you a message
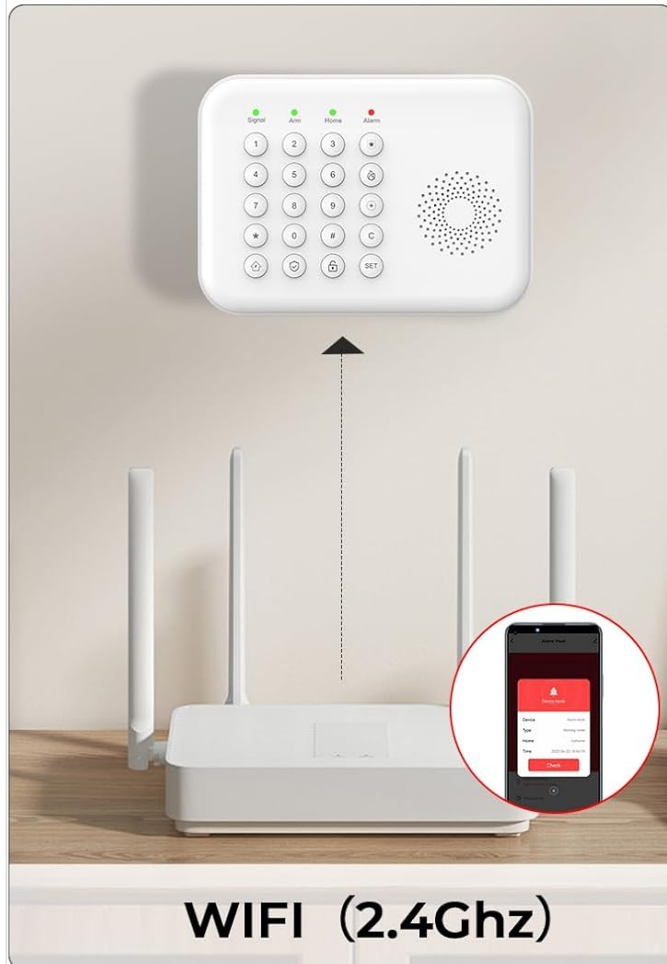
WIFI (2.4Ghz)

4G / GSM

Figure 4.3: The alarm system can be customized to protect every corner of your home, providing peace of mind.

4.3 SOS Button Functionality

The SOS button is a crucial safety feature, especially beneficial for elderly family members or children. In case of an emergency, pressing the SOS button will trigger an immediate alert to the preset emergency contacts.
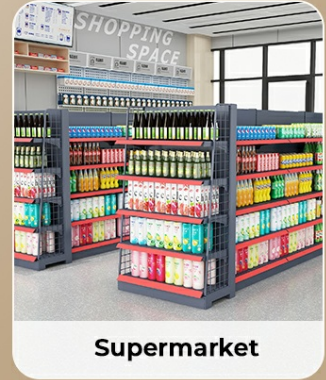
Figure 4.4: The SOS button provides a quick way to signal for help in an emergency.

4.4 Voice Control Integration

The PGST alarm system is compatible with popular voice assistants like Amazon Alexa and Google Assistant, allowing for convenient voice commands to arm or disarm your system.
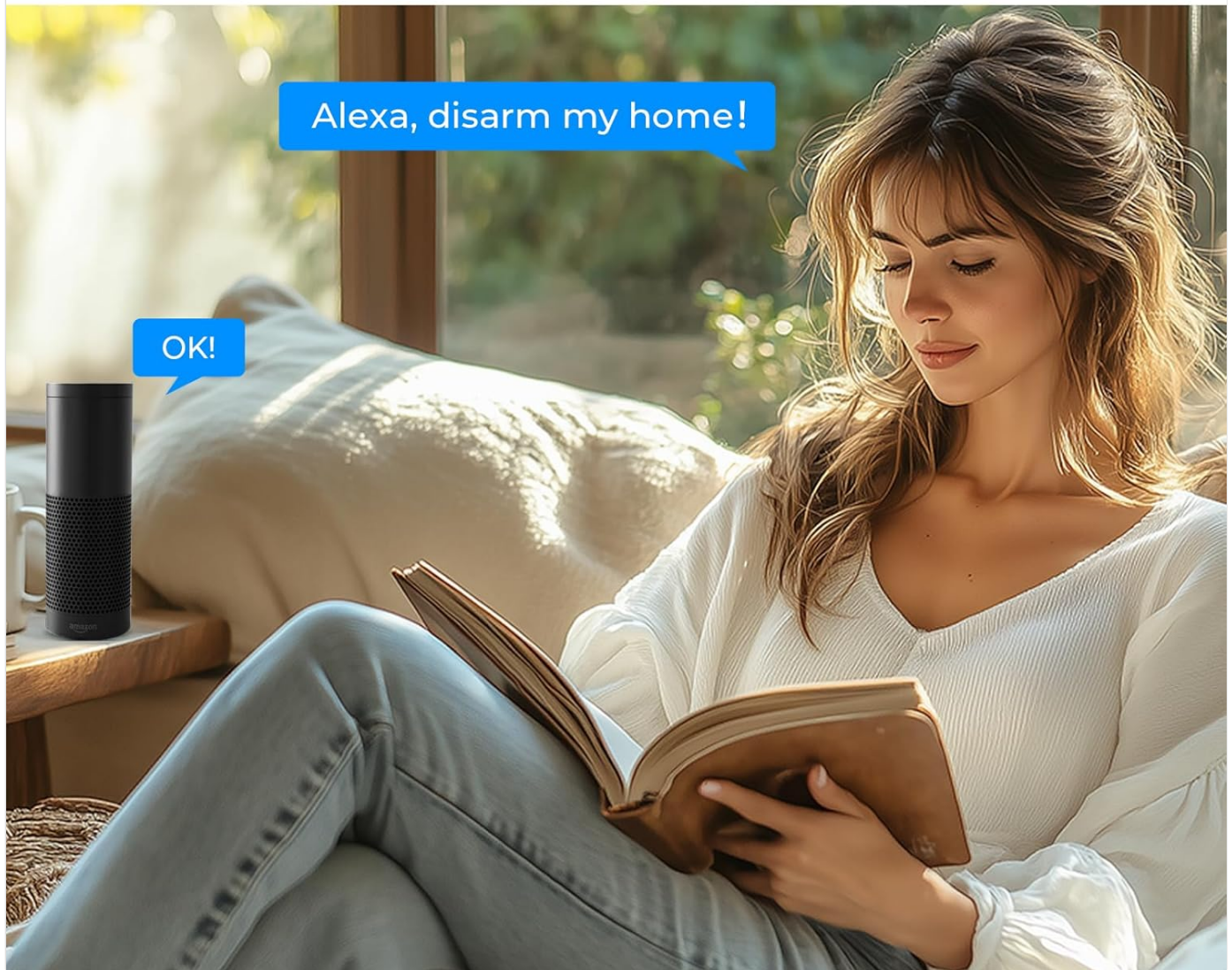
Figure 4.5: Control your alarm system hands-free using voice commands with Alexa or Google Assistant.

5. SYSTEM COMPONENTS

5.1 Smart Keypad Alarm Host

The central unit of your security system, featuring a compact design for easy wall mounting and a user-friendly keypad for operation.

DOOR WINDOW AND MOTION SENSOR

When someone try to entry house,the door sensor
and PIR detector is activated,the HOST system will make a loud
alarm sound and give you real-time reminder

Figure 5.1: The smart keypad's compact design allows for convenient placement and operation.

PRESET FIVE ALARM CALLS

You can add 5 family numbers and
Every Alert won't be missed,keeping your home safe

6. MAINTENANCE

6.1 Battery Information

The PGST A01F Home Alarm System is equipped with a built-in Lithium Polymer battery, allowing it to function normally even during a power outage. The system will provide a low battery alert when charging is needed.
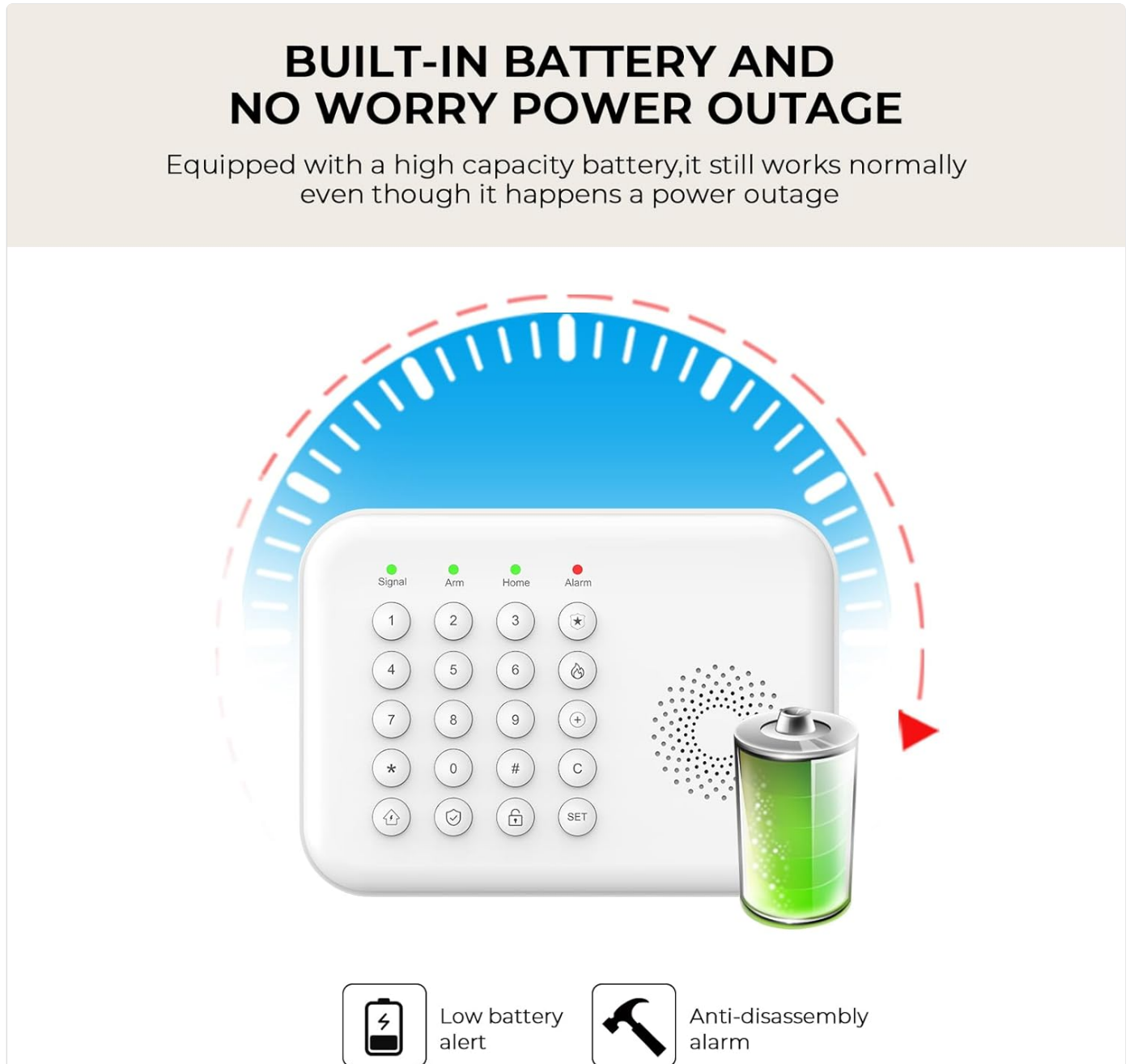

Figure 6.1: The built-in battery ensures continuous operation during power interruptions.

6.2 General Care

- Keep the devices clean and free from dust.
- Avoid exposing the devices to extreme temperatures or humidity.
- Do not attempt to disassemble or repair the devices yourself. Contact customer support if issues arise.

7. TROUBLESHOOTING

This section addresses common questions and issues you might encounter with your PGST Home Security Alarm System.

7.1 Frequently Asked Questions (FAQs)

Q: What network does this home security system support?
A: It only supports 2.4GHz Wi-Fi (not 5G Wi-Fi) and a 4G GSM card. You can receive Tuya app alert pushes, while the 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: Refer to the detailed instructions in this manual and the mobile application. Additional operation videos can be provided if necessary. Contact customer support for further assistance.

Q: Does this device support adding more sensors and accessories?
A: Yes, the system is expandable. You can add more sensors and accessories, such as sirens or cameras, available from the PGST store.

7.2 Common Issues

- **Sensors Disconnecting:** Ensure sensors are within range of the alarm host and have fresh batteries. Re-pair them if necessary following the 'How to Add Accessories' instructions.
- **No App Alerts:** Check your Wi-Fi connection (ensure it's 2.4GHz), app notification settings on your phone, and ensure the app is running in the background. If using 4G, verify the SIM card is active and has credit.
- **Keypad Unresponsive:** Check the power connection and ensure the power switch is 'ON'. If battery-powered, check battery level.

8. SPECIFICATIONS

Feature	Detail
Brand	PGST
Model Number	PGST A01F
Power Source	Battery Powered
Compatible Devices	Smartphone, Tablet
Item Dimensions (L x W x H)	1 x 1 x 1 inches
Control Method	App
Battery Cell Composition	Lithium Polymer
Item Weight	1.08 pounds
UPC	735083581367

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official PGST website or contact the retailer where you purchased the product. The PGST Home Security Alarm System is designed to provide reliable security without recurring contract fees.

NO CONTRACT FEE

Choosing PGST give You "0"cost fee forever for your home security

Figure 9.1: Enjoy peace of mind with no monthly contract fees for your PGST home security system.