

## PGST PGST A105F

# PGST A105F Home Alarm System with T21 5MP HD Security Camera User Manual

Model: PGST A105F (21-Piece Kit with T21 Camera)

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your PGST A105F Wireless Home Alarm System, which includes a T21 5MP HD Security Camera and various sensors. This system is designed to enhance the security of your villa, apartment, or house by providing real-time alerts and comprehensive monitoring capabilities.



**Image 1.1:** Overview of the PGST A105F Home Alarm System components, including the main panel, 5MP HD camera, door/window sensors, motion detectors, SOS button, and remote controls.

## 1.1 Package Contents

The 21-piece kit typically includes:

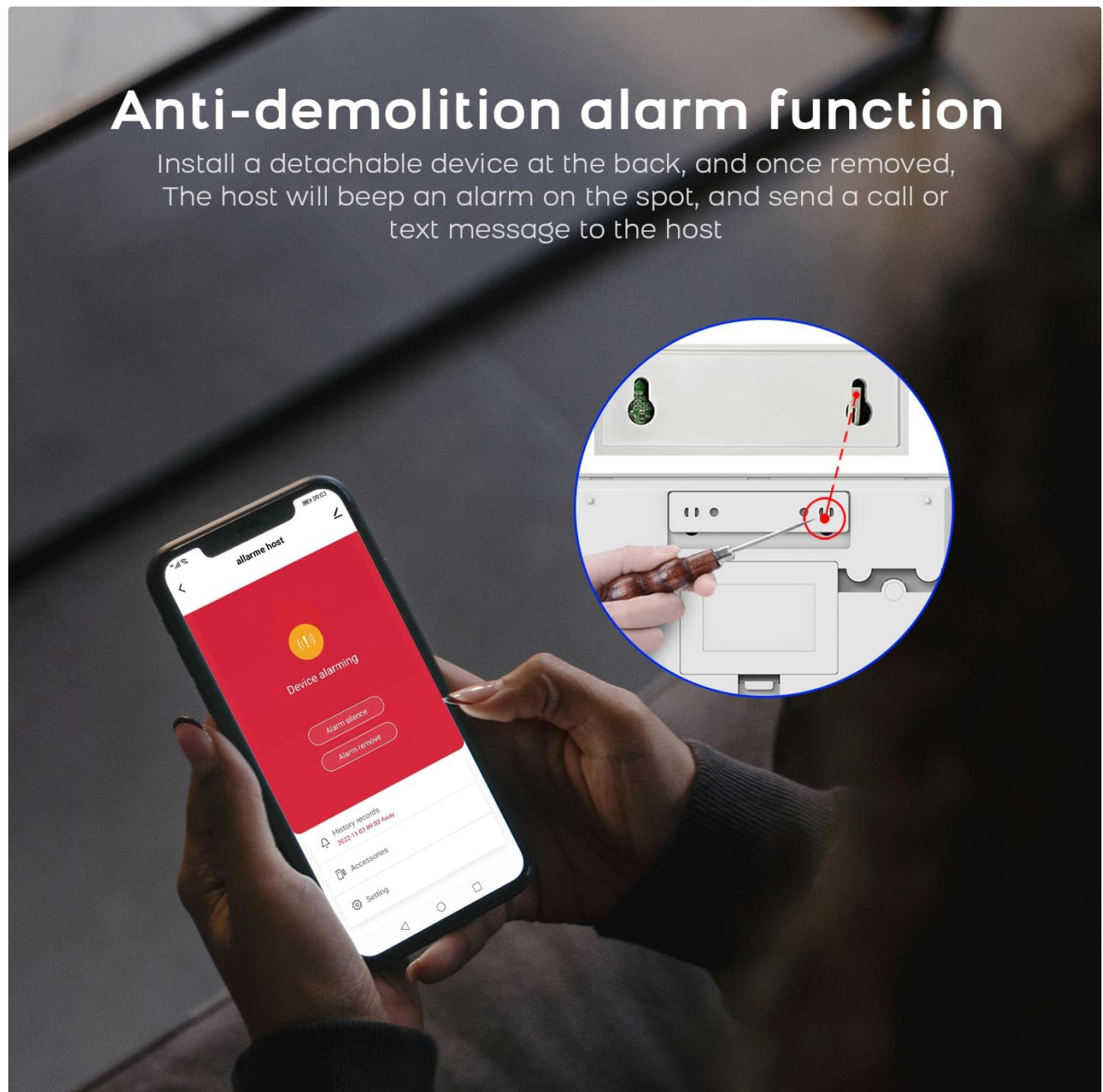
- 1 x PGST A105F Alarm System Host (Main Panel)
- 1 x T21 5MP HD Security Camera
- Multiple Door/Window Sensors
- Multiple Motion Detectors (PIR)
- 1 x SOS Button
- Remote Controls (Key Fobs)
- RFID Tags
- Power Adapters and Mounting Hardware

## 2. SETUP AND INSTALLATION

Follow these steps to set up your PGST Home Alarm System.

### 2.1 System Host (Main Panel) Installation

1. **Power Connection:** Connect the main panel to a power outlet using the provided adapter.
2. **Placement:** Install the main panel in a central location within your home, ensuring good Wi-Fi signal reception. Avoid placing it near large metal objects or other electronic devices that may cause interference.
3. **Anti-demolition Function:** The host features an anti-demolition alarm. If the host is forcibly removed from its mounting, it will trigger an alarm and send notifications. Ensure it is securely mounted.



**Image 2.1:** Illustration of the anti-demolition alarm function, showing how the host detects unauthorized removal and triggers an alert.

### 2.2 Sensor Installation (Door/Window & Motion)

The system includes wireless door/window sensors and motion detectors. These are typically battery-powered and communicate wirelessly with the main panel.

1. **Door/Window Sensors:** Mount the two parts of the sensor on a door or window frame and the moving part, ensuring they are aligned and within 1 cm of each other when closed. Use the provided adhesive or screws.
2. **Motion Detectors (PIR):** Install motion detectors in corners of rooms or hallways, approximately 2-2.5 meters (6.5-8 feet) above the floor, ensuring an unobstructed view of the area to be monitored. Avoid direct sunlight or heat sources.



**Image 2.2:** Example placement of a door/window sensor and a motion sensor within a home environment.

## 2.3 T21 5MP HD Security Camera Installation

The T21 camera provides high-definition video surveillance.

1. **Placement:** Choose a location that provides a clear view of the desired area. The camera is suitable for both indoor and outdoor use (watertight).
2. **Mounting:** Securely mount the camera using the provided hardware. Adjust the angle for optimal coverage.
3. **Power:** Connect the camera to a power source.



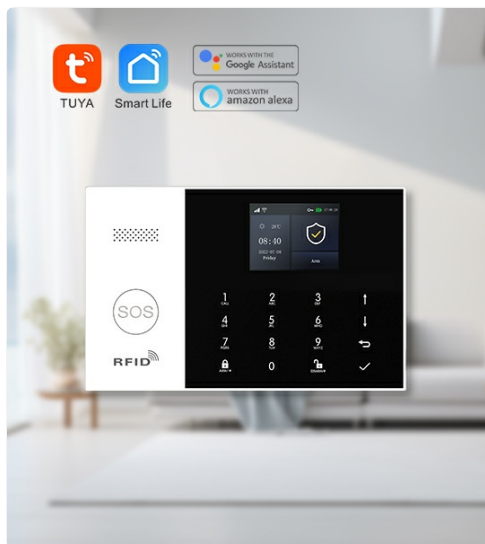


**Image 2.3:** Features of the T21 5MP HD Security Camera, including watertight design, two-way audio, full-color day and night vision, and motion detection.

## 2.4 App Installation and Network Configuration

The system integrates with the Smart Life or Tuya App for remote control and monitoring.

1. **Download App:** Download the "Smart Life" or "Tuya Smart" app from your smartphone's app store (iOS/Android).
2. **Register/Login:** Create an account or log in to your existing account.
3. **Add Devices:** Follow the in-app instructions to add your PGST A105F alarm system and T21 camera.
4. **Network Configuration:** Refer to the following methods for connecting your system to Wi-Fi.



## Configure the network Steps

### Method 1:

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

Phone operation: **WIFI (2.4GHz)** → **Bluetooth** → **Smart life APP** → **Add devices** → **Auto Search**

### 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**

**Image 2.4:** Detailed steps for configuring the network connection for the PGST alarm system using two methods: Soft AP Configure and Airlink Configure. Both methods involve navigating the host menu and using the Smart Life app.

## 3. OPERATING INSTRUCTIONS

Understand how to effectively use your alarm system for optimal security.

### 3.1 Arming and Disarming the System

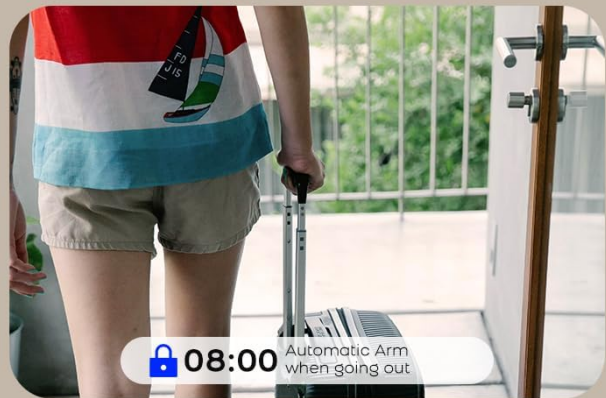
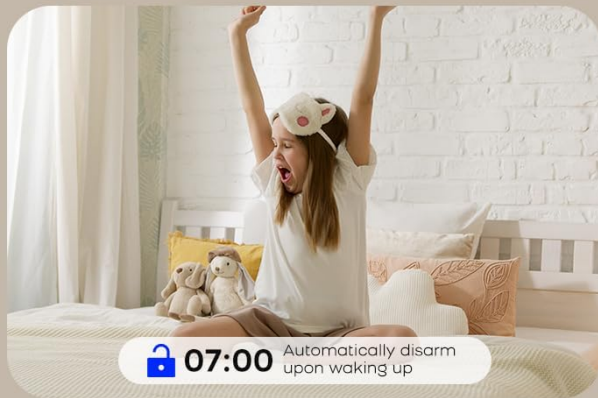
The system offers multiple modes to suit your security needs:

- **Arm Mode:** Activates all sensors. Ideal when leaving the property.
- **Disarm Mode:** Deactivates all sensors.
- **Stay at Home Mode:** Activates perimeter sensors (e.g., door/window sensors) while allowing free movement inside.

You can switch modes via the main panel keypad, remote controls (key fobs), or the Smart Life/Tuya App.

# Arm and disarm regularly saving time and effort

You can set the arm, disarm, stay arm, SOS and other functions on the app. On reaching the time set, the system will automatically start this function.



**Image 3.1:** Illustration of setting up automatic arm and disarm schedules via the app for daily routines, such as arming when leaving for work and disarming upon returning home.

## 3.2 SOS Function

The dedicated SOS button allows for immediate emergency alerts.

- **Activation:** Press the SOS button on the main panel or the portable SOS button.
- **Alerts:** The system will trigger a loud siren and send instant alerts (calls/messages) to pre-set emergency contacts.

## APP Alert Message Push

When Someone Try to Entry House, the Door Sensor and PIR Detector is Activated, You Will get Phone Message and Call, In Addition, APP Will Push Alert



**Image 3.2:** The SOS button feature, highlighting its benefit for elderly users to quickly send alerts in unexpected events.

### 3.3 Real-Time Alerts and Notifications

When an alarm is triggered, the system provides immediate notifications:

- **App Push Notifications:** Instant alerts sent to your smartphone via the Smart Life/Tuya App.
- **Phone Calls/SMS:** The system can make calls and send SMS messages to up to 5 pre-set emergency numbers. If a line is busy, it will dial the next number.
- **Loud Siren:** The main panel will emit a loud siren sound to deter intruders and alert occupants.



# 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



**Image 3.3:** Flowchart illustrating how the system dials up to 5 preset alarm calls sequentially to ensure no alarm information is missed.

## 3.4 T21 Camera Operation

Access and control your T21 camera through the Smart Life/Tuya App:

- **Live View:** Access real-time video feed from your camera.
- **Two-Way Audio:** Communicate through the camera using the app.
- **Recording:** View recorded footage (requires TF card or cloud storage subscription).
- **Motion Detection:** Receive alerts when motion is detected by the camera.

## 3.5 Voice Control Integration

The system supports voice control via Amazon Alexa and Google Assistant.

- **Setup:** Link your Smart Life/Tuya account with Alexa or Google Assistant in their respective apps.
- **Commands:** Use voice commands such as "Alexa, Arm my home!" or "Hey Google, Disarm the alarm."

# Support Alexa voice control



**Image 3.4:** A user interacting with an Amazon Alexa device to disarm the PGST home alarm system using voice commands.

## 4. MAINTENANCE

Regular maintenance ensures the longevity and reliability of your security system.

### 4.1 Battery Replacement for Sensors

Wireless sensors are battery-powered. The system will notify you via the app when a sensor's battery is low.

1. **Identify Low Battery:** The app will display alerts for low battery sensors.
2. **Replace Battery:** Carefully open the sensor casing and replace the old battery with a new one of the same type.
3. **Test:** After replacement, test the sensor to ensure it communicates with the main panel.

# Wireless sensor battery low battery alarm

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



**Image 4.1:** Illustration of a wireless sensor indicating low battery, which then sends a signal to the host, and the host pushes a notification to the user's app.

## 4.2 Cleaning

Wipe down the main panel, camera, and sensors periodically with a soft, dry cloth. Avoid using abrasive cleaners or solvents.

## 4.3 Firmware Updates

Ensure your system's firmware is up to date for optimal performance and security. Check the Smart Life/Tuya App regularly for available updates and follow the in-app instructions to apply them.

## 5. TROUBLESHOOTING

This section addresses common issues you might encounter.

- **System Not Connecting to Wi-Fi:**

Ensure your Wi-Fi network is 2.4GHz. Check Wi-Fi password. Move the main panel closer to the router. Restart the router and the main panel. Follow the network configuration steps in Section 2.4 carefully.

- **Sensors Not Triggering Alarm:**

Check sensor battery levels. Ensure sensors are properly paired with the main panel (refer to app for device

list). Verify sensor placement and alignment (for door/window sensors).

- **No App Notifications:**  
Ensure your phone has an internet connection. Check app notification settings on your phone and within the Smart Life/Tuya App. Make sure the app is running in the background.
- **Camera Offline:**  
Check camera power supply. Ensure the camera is within Wi-Fi range. Restart the camera and check its connection status in the app.
- **False Alarms:**  
Review motion detector placement to avoid triggering by pets or environmental factors (e.g., curtains moving in a draft). Adjust sensitivity settings if available in the app.
- **Voice Control Not Working:**  
Ensure your Smart Life/Tuya account is correctly linked to Alexa or Google Assistant. Verify device names and commands. Check internet connection for your smart speaker/display.

## 6. SPECIFICATIONS

Feature	Specification
Brand	PGST
Model Number	PGST A105F
Kit Style	21 PIECES KIT+T21 CAMERA
Power Source	Battery Powered (Sensors), Wired (Main Panel, Camera)
Compatible Devices	Smartphone (iOS/Android)
Connectivity Technology	Wireless (Wi-Fi, 4G GSM Card support)
Video Capture Resolution	1080p (T21 Camera is 5MP HD)
Installation Type	Self-Adhesive, Screw-In
Alert Type	Audio & Motion, App Push, Phone Call, SMS
Control Method	App, Keypad, Remote Control, Voice Control (Alexa, Google Assistant)
Item Dimensions (L x W x H)	8 x 6 x 4 inches (Main Unit)
Item Weight	4.47 pounds (Total Package)

## 7. WARRANTY AND SUPPORT

### 7.1 Warranty Information

The PGST Home Security System comes with a **1-year warranty**. This warranty covers manufacturing defects and ensures the product functions as intended under normal use. Please retain your proof of purchase for warranty claims.






### 7.2 Customer Support

If you have any questions, encounter issues not covered in this manual, or require technical assistance, please contact PGST customer support. Refer to the product packaging or the PGST official website for the most current



contact information.

## Related Documents - PGST A105F

	<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="#">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="#">Carbon Monoxide Gas Alarm Detector PG-C01/PG-C02/PG-C03/PG-C04/PG-C05 User Manual</a></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><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="#">Smart System Alarmowy PG-103 PGST Tuya GSM 4G Instrukcja obsługi</a></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>
	<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>