

PGST PGST A105F

PGST A105F Wireless Home Security System User Manual

Model: PGST A105F

1. INTRODUCTION

The PGST A105F Wireless Home Security System is designed to provide comprehensive protection for your home or apartment. This system offers real-time alerts, multiple alarm modes, and smart integration capabilities through the Tuya/Smart Life app. It is a DIY-friendly system with no monthly fees, ensuring peace of mind and security for your family.

2. WHAT'S INCLUDED

Your PGST A105F Home Security System package includes the following components:

- 1 x PGST A105F Alarm System Host (Control Panel)
- Door/Window Sensors
- Motion Detectors
- SOS Button
- Remote Controls
- RFID Tags
- Siren (optional, depending on package)
- Power Adapter
- User Manual



Image: Overview of the PGST A105F Home Security System components, including the main control panel, door/window sensors, motion detectors, remote controls, and RFID tags.



Image: A visual representation of the PGST Home Security System, highlighting its various components and their placement within a home environment.

3. SETUP

3.1 Initial Installation

The PGST A105F system is designed for easy DIY installation. Identify key areas in your home for sensor placement, such as entry points (doors, windows) and high-traffic zones for motion detection. The main control panel should be placed in an easily accessible central location.

3.2 Network Configuration

The system supports 2.4GHz WiFi (5G WiFi is not supported) and a 4G GSM card for communication. Ensure your WiFi network is 2.4GHz for proper connectivity. The 4G GSM card allows for calls and messages in emergency situations. To configure the network, follow these steps:

1. **Method 1 (Soft AP Configure):**

- **Host operation:** Menu > Wi-Fi > Soft AP Configure.
- **Phone operation:** Connect to WiFi (2.4GHz) > Bluetooth > Smart Life APP > Add devices > Auto Search.

2. **Method 2 (Airlink Configure):**

- **Host operation:** Menu > Wi-Fi > Airlink Configure.
- **Phone operation:** Connect to WiFi (2.4GHz) > Smart Life APP > Add devices > Sensors > Alarm > Wi-Fi > Blink Quickly.



Image: Diagram illustrating two methods for configuring the network connection for the PGST A105F alarm system, detailing steps for both the host panel and the mobile application.

3.3 App Setup

Download the dedicated **Smart Life Tuya App** (available on iOS/Android) to your smartphone. Follow the in-app instructions to register an account and add your PGST A105F system. This app will be your primary interface for managing and monitoring your security system.

3.4 Pairing Accessories

The system allows for easy pairing of additional sensors and accessories. Refer to the specific instructions provided with each accessory for pairing procedures. The main host can be paired with door sensors, PIR motion detectors, smoke detectors, and security cameras.



Image: A user interacting with the PGST Alarm System Host, demonstrating its large touch screen and connectivity with various PGST accessories like door sensors, PIR motion detectors, and cameras.

4. OPERATING THE SYSTEM

4.1 Arming and Disarming

The system offers three adjustment modes: **Arm**, **Disarm**, and **Stay at Home**. These modes can be activated via the control panel or the Smart Life Tuya App. The Arm mode fully activates all sensors, Disarm deactivates them, and Stay at Home mode typically activates perimeter sensors while allowing free movement inside.

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.

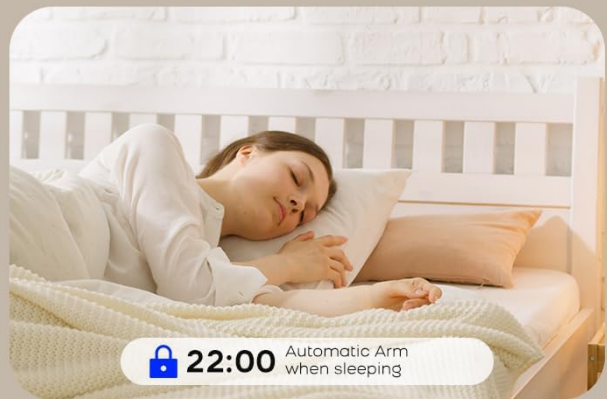
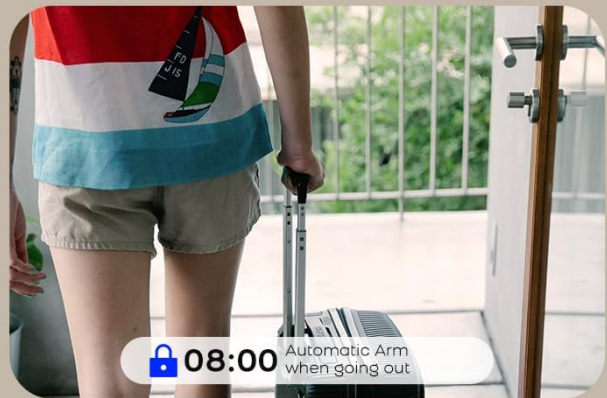
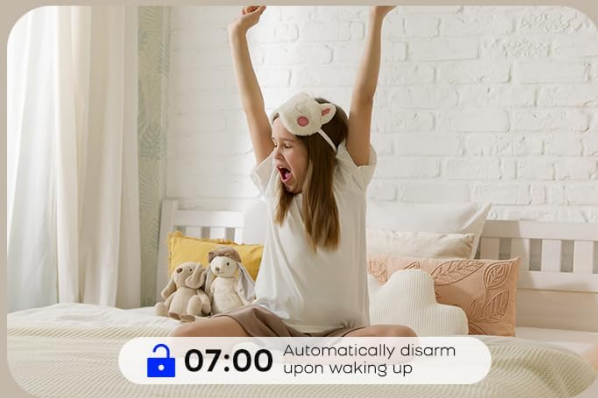


Image: Illustrations showing how to set automatic arm and disarm schedules for the PGST A105F system, such as arming when leaving for work or disarming upon returning home.

4.2 Real-Time Alerts

When an emergency occurs, the system will send instant alerts to your smartphone via the Smart Life Tuya App. If a 4G GSM card is installed, you will also receive a phone call or SMS message, ensuring you are immediately notified of any security breaches.

Wireless sensor battery low battery alar

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



Image: A sequence showing a door magnet and infrared sensor detecting low battery, sending signals to the host, which then pushes an alert notification to the user's mobile app.

4.3 SOS Functionality

The system includes an SOS button for immediate assistance. In case of an emergency, pressing the SOS button will trigger an alarm and notify pre-set contacts, allowing for timely intervention.

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: A visual explanation of the system's ability to dial up to 5 preset alarm numbers. If a line is busy, it will automatically dial the next number, ensuring no alarm information is missed.

4.4 Voice Control

The PGST A105F system supports voice control through popular smart assistants like Amazon Alexa and Google Assistant. This allows you to arm or disarm your system using simple voice commands.

Support Alexa voice control



Image: A user interacting with an Amazon Alexa device to disarm their home security system, demonstrating the voice control feature.

4.5 Anti-Demolition Alarm

The main host features an anti-demolition alarm function. If the device is tampered with or removed from its installation point, it will emit a local beep and send a call or text message to the host, alerting you to potential sabotage.

Anti-demolition alarm function

Install a detachable device at the back, and once removed,
The host will beep an alarm on the spot, and send a call or
text message to the host



Image: An illustration showing the anti-demolition alarm feature, where removing the device from its mounting triggers an alert on the user's phone.

4.6 Multi-Language Support

The system supports 11 languages for menu display, voice operation prompts, and alarm SMS settings, allowing for a personalized user experience.

Support 11 Languages Switched Freely

Support Multi-Language Menu Display, Voice Operation Prompts And Alarm SMS Settings

11

Languages Optional:

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



Image: The PGST A105F control panel displaying various language options, indicating support for 11 different languages for menu, voice, and SMS alerts.

4.7 System Overview Video

Your browser does not support the video tag.

Video: This video provides a comprehensive overview of the PGST105 Home Security Alarm System, demonstrating its anti-theft capabilities with motion and door sensors, the SOS alarm function for emergencies, and the smart doorbell prompt feature for package deliveries. It highlights how the system integrates various sensors and smart features to enhance home security and convenience.

5. SENSORS AND ACCESSORIES

The PGST A105F system is designed to work with a variety of wireless sensors and accessories to create a comprehensive security network.

5.1 Door/Window Sensors

These sensors detect when a door or window is opened, triggering an alarm if the system is armed. They are typically installed using self-adhesive backing.

5.2 Motion Detectors

Motion detectors use infrared technology to sense movement within their detection range (e.g., 110-degree field of view). Place them in areas where intruders are likely to pass.



Image: An illustration showing a door sensor and a PIR motion detector, explaining that when activated by an entry attempt, the host system will sound a loud alarm and provide real-time reminders.

5.3 SOS Button

A portable button that, when pressed, immediately sends an emergency alert to pre-configured contacts. Useful for elderly individuals or in situations requiring urgent assistance.

5.4 Expandability

The PGST A105F system is expandable, allowing you to add more sensors and accessories such as additional sirens, smoke detectors, and security cameras to enhance your home's protection.

Linked all smart home system products

Make your life more intelligent



Image: A diagram illustrating how the PGST A105F system can link with various smart home products, including outdoor cameras, door sensors, motion detectors, and an alarm host, to create a comprehensive and intelligent security network.

6. MAINTENANCE

Regular maintenance ensures the optimal performance and longevity of your PGST A105F security system.

6.1 Battery Replacement

Sensors are battery-powered. The system will alert you when a sensor's battery is low. Replace batteries promptly according to the specific sensor's instructions to maintain continuous protection.

6.2 Cleaning

Wipe the main control panel and sensors with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the devices.

6.3 Software Updates

Periodically check the Smart Life Tuya App for any available software or firmware updates for your system. Keeping the app

and system firmware updated ensures you have the latest features and security enhancements.

7. TROUBLESHOOTING

If you encounter issues with your PGST A105F system, refer to the following common troubleshooting tips:

7.1 Connectivity Issues

- **System not connecting to WiFi:** Ensure your WiFi network is 2.4GHz. The system does not support 5G WiFi. Check your router settings.
- **4G GSM card not working:** Verify the 4G GSM card is properly inserted and has an active plan. Check for network signal strength.

7.2 Sensor Not Triggering

- **Check battery:** Ensure the sensor has sufficient battery power. Replace if low.
- **Sensor placement:** Verify the sensor is correctly installed and within range of the main host. For door/window sensors, ensure the two parts are aligned and close enough.
- **Pairing:** Re-check if the sensor is properly paired with the main host.

7.3 App Alerts Not Received

- **App notifications:** Ensure notifications are enabled for the Smart Life Tuya App in your phone's settings.
- **Internet connection:** Verify your phone has an active internet connection.
- **System connectivity:** Confirm the alarm host is connected to WiFi or has an active 4G GSM signal.

7.4 Frequently Asked Questions (FAQs)

- **What network does this home security system use?** It only supports 2.4GHz WiFi (not for 5G WiFi) and a 4G GSM card. You can receive Tuya App alerts, while the 4G card can call or send you a message if an emergency happens.
- **What should I do if I don't know how to set it up after receiving it?** We can provide additional operation videos if necessary.
- **Does this device support adding more sensors and accessories?** Yes, you can add more sensors and accessories, like sirens or cameras, from our store.

8. SPECIFICATIONS

Feature	Detail
Brand	PGST
Model Number	PGST A105F
Power Source	Battery Powered
Compatible Devices	Smartphone (Tuya/Smart Life App)
Connectivity Technology	Wireless (2.4GHz WiFi, 4G GSM)
Installation Type	Self-Adhesive, Screw-In
Alert Type	Motion Only (for motion detector), Door/Window Open, SOS
Control Method	App, Control Panel

Feature	Detail
Item Dimensions L x W x H	8 x 6 x 4 inches
Item Weight	2.84 pounds (1.29 Kilograms)
UPC	704444502648

9. WARRANTY

The PGST A105F Home Security System comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

10. SUPPORT

For any questions, technical assistance, or support regarding your PGST A105F Wireless Home Security System, please feel free to contact us. Our customer support team is available to assist you with setup, operation, and troubleshooting.

Contact Information: Please refer to the contact details provided on the product packaging or the official PGST website for the most up-to-date support information.