

PGST PGST103F-US-F

PGST Home Security Alarm System User Manual

Model: PGST103F-US-F

Brand: PGST

1. PRODUCT OVERVIEW

The PGST Home Security Alarm System is a comprehensive wireless solution designed to protect your home. It features a main control panel with a 2.4-inch TFT colorful display, supporting Tuya APP remote control and both WIFI and 4G GSM card connectivity. This system provides instant alerts, customizable security modes, and is expandable to meet evolving security needs.



Figure 1.1: Complete PGST Home Security Alarm System Kit, including the control panel, key fobs, remote controls, motion sensors, door/window sensors, and an SOS button.

2.4-inch TFT colorful display screen

Multi-function, such as APP notification, SMS notification voice intercom etc



Figure 1.2: The 2.4-inch TFT colorful display screen on the control panel, offering multi-functionality including APP notification and voice intercom.

2. INCLUDED COMPONENTS

Your PGST Home Security Alarm System (A103F-US-F) typically includes the following components:

- 1 x PGST103F Home Security Alarm System (Main Control Panel)
- Door/Window Sensors
- Motion Detectors
- Remote Controls
- RFID Key Fobs
- Loud Siren
- Power Adapter
- Mounting Hardware

The system is highly customizable and expandable. You can add more sensors, cameras, or other security devices from the PGST store to enhance your home's security.

3. SETUP AND INSTALLATION

The PGST Home Security Alarm System is designed for easy DIY installation, requiring no complex steps.

3.1 Main Control Panel Setup

1. **Power Connection:** Connect the main control panel to a power outlet using the provided power adapter.
2. **Network Connection:** The system supports 2.4GHz WIFI (5G WIFI is not supported) and 4G GSM cards. Connect the panel to your home's 2.4GHz WIFI network via the system settings or insert a 4G GSM card for cellular backup.
3. **App Download:** Download the Tuya Smart or Smart Life app from your smartphone's app store.
4. **Device Pairing:** Follow the in-app instructions to pair the main control panel with your smartphone.

3.2 Sensor Installation

Install sensors in key areas of your home, such as doors, windows, and rooms requiring motion detection.

- **Door/Window Sensors:** Mount the two parts of the sensor on the door/window frame and the door/window itself, ensuring they are aligned and close to each other when the door/window is closed.
- **Motion Detectors:** Install motion detectors in corners or areas with clear lines of sight to cover entry points or valuable areas.
- **Siren:** Install the loud siren in a prominent location, preferably outdoors, to deter intruders.

Linked all smart home system products

Make your life more intelligent



Figure 3.1: The alarm host can connect various accessories like outdoor cameras, audible and visual alarms, door sensors, and motion detectors, creating a linked smart home system.

4. SYSTEM OPERATION

Operate your security system conveniently through the Tuya APP, remote controls, or voice commands.

4.1 Arming and Disarming

The system offers three main modes: Arm, Disarm, and Stay at Home. These can be set via the mobile app from anywhere.

- **Arm:** Activates all sensors for full protection.
- **Disarm:** Deactivates the alarm system.
- **Stay at Home:** Activates perimeter sensors (e.g., door/window sensors) while allowing free movement inside the home.

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.

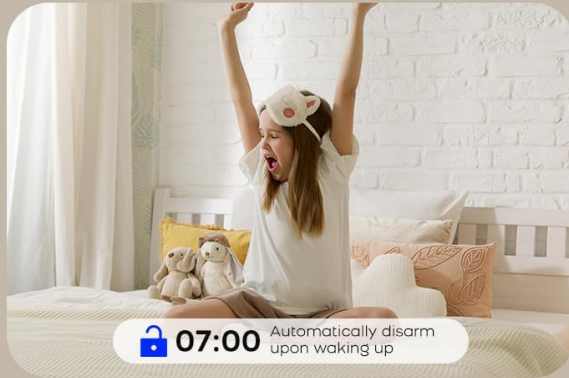


Figure 4.1: The system supports regular arming and disarming schedules, such as automatically disarming upon waking up or returning home, and arming when leaving or sleeping.

4.2 SOS Function

The system includes a one-click SOS function for emergencies. When activated, it immediately sends a distress signal to pre-designated emergency contacts or a response center.

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



Figure 4.2: The system supports 5 preset alarm calls, ensuring no alarm information is missed. If a busy line is encountered, it will dial the next reserved number.

4.3 Voice Control

The system works with Alexa and Google Assistant, allowing for convenient voice control commands like "Alexa, Disarm my home!"

Support Alexa voice control



Figure 4.3: The system supports Alexa and Google Assistant for voice control, making it easy to arm or disarm your home.

5. ADVANCED FEATURES

5.1 Wireless Sensor Low Battery Alarm

The system monitors the battery levels of wireless sensors. When a door magnet or infrared sensor detects low voltage, it sends a signal to the host, which then pushes a notification to your mobile app.

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



Figure 5.1: Illustration of a wireless sensor low battery alarm, showing the sensor, battery icon, control panel, and smartphone app notification.

5.2 Anti-Demolition Alarm Function

The main control panel features an anti-demolition alarm. If the device is removed from its installed position, the host will emit a loud beep and send a call or text message to the pre-set contacts.

Anti-demolition alarm function

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



Figure 5.2: The anti-demolition alarm function, where removing the device triggers an alert on the host and sends a notification to the user's phone.

5.3 Multi-Language Support

The system supports 9 languages, allowing for flexible menu display, voice operation prompts, and alarm SMS settings.

Support 9 Languages Switched Freely

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



Figure 5.3: The system supports 9 languages, including Chinese, English, German, Russian, Spanish, Polish, Greek, French, and Portuguese, for menu display and voice prompts.

6. DEMONSTRATION VIDEO

Watch this official product video from PGST DIRECT to see the alarm system in action, demonstrating its anti-theft capabilities, SOS alarm for emergencies, convenient doorbell prompt, and accident prevention features like water immersion and smoke detection.

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Video 6.1: PGST103 Security Alarm System Demonstration. This video highlights the system's features including intelligent alarm triggering, voice intercom to deter intruders, SOS alarm for elderly care, smart doorbell integration, and detection of water leaks and smoke.

7. MAINTENANCE

To ensure optimal performance and longevity of your PGST Home Security Alarm System, regular maintenance is recommended:

- **Battery Check:** Periodically check the battery status of all wireless sensors via the mobile app. Replace batteries promptly when low battery alerts are received.
- **Cleaning:** Gently wipe the main control panel and sensors with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Firmware Updates:** Check the Tuya APP regularly for any available firmware updates for the main control panel to ensure you have the latest features and security enhancements.

8. TROUBLESHOOTING

Here are some common issues and their solutions:

| Issue | Possible Cause / Solution |
|------------------------------------|---|
| System not connecting to Wi-Fi | Ensure your Wi-Fi network is 2.4GHz (5GHz is not supported). Check Wi-Fi signal strength and router settings. Re-enter Wi-Fi password carefully. |
| Sensors not triggering alarm | Check sensor battery levels. Ensure sensors are properly paired with the main panel. Verify sensor placement and alignment (for door/window sensors). Ensure the system is armed. |
| No app notifications | Check your phone's notification settings for the Tuya Smart/Smart Life app. Ensure the app has necessary permissions. Verify internet connectivity for both the alarm panel and your phone. |
| SOS function not alerting contacts | Verify that emergency contacts are correctly set up in the system settings. Ensure the 4G GSM card (if used) has active service and sufficient balance. |
| Difficulty with initial setup | Refer to the detailed setup instructions in Section 3. If issues persist, contact PGST support for additional operation videos and assistance. |

9. TECHNICAL SPECIFICATIONS

| Feature | Specification |
|-------------------------|--|
| Brand | PGST |
| Model Number | PGST103F-US-F |
| Power Source | Corded Electric |
| Connectivity Technology | Wireless (WIFI 2.4GHz, 4G GSM) |
| Compatible Devices | Tablet, Smartphone (Tuya APP) |
| Control Method | App, Remote, Voice (Alexa, Google Assistant) |
| Alert Type | Audio & Motion, App Notifications, Calls, SMS |
| Included Components | 1 X PGST103F Home Security Alarm System (Main Panel), Sensors, Remotes, Key Fobs |

| Feature | Specification |
|---------------------------|-----------------------------------|
| Item Dimensions L x W x H | 8.6 x 5.9 x 3.9 inches |
| Item Weight | 2.64 pounds |
| Battery Cell Composition | Alkaline (for sensors) |
| Unit Count | 24.0 Count (for the specific kit) |
| UPC | 704444493632 |

10. WARRANTY AND SUPPORT

For specific warranty details, please refer to the documentation included with your product or contact PGST DIRECT, the seller. Protection plans are available for purchase separately to extend coverage.

10.1 Customer Support

If you encounter any issues or have questions regarding the setup, operation, or maintenance of your PGST Home Security Alarm System, please contact PGST DIRECT. They can provide additional operation videos and technical assistance as needed.

You can also visit the [PGST Store on Amazon](#) for more product information and support resources.