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## PGST A02F

# PGST A02F Wireless Home Security System User Manual

Brand: PGST | Model: A02F

## 1. INTRODUCTION AND SYSTEM OVERVIEW

The PGST A02F Wireless Home Security System is a comprehensive, DIY-friendly solution designed to protect your property. This system features expandable door/window sensors and motion detectors, offering robust security for various environments including villas, apartments, and warehouses. It supports 4G GSM and Tuya App alerts, ensuring you receive real-time notifications. Compatibility with Alexa allows for convenient voice control, enhancing ease of use and integration into smart home ecosystems.

The system is designed for clear readability and ease of use, providing peace of mind through continuous monitoring and customizable security settings.



Figure 1: Overview of the PGST A02F Wireless Home Security System components.

## 2. COMPONENTS INCLUDED

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Your PGST A02F Home Security System package includes the following items:

- 1 x A02 Home Alarm System Control Panel (Keypad)
- Multiple Door/Window Sensors (Magnetic Contacts)
- Multiple Motion Detectors (PIR Sensors)
- Remote Controls
- SOS Button
- USB Type-C Charging Cable
- Power Adapter
- Mounting Hardware (screws and adhesive pads)
- User Manual

The system is designed to be highly customizable and expandable, allowing you to add more sensors or accessories from the PGST store as your security needs evolve.

## 3. SETUP AND INSTALLATION

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The PGST A02F system is designed for easy DIY installation without requiring professional assistance. Follow these steps for initial setup:

### 3.1 Control Panel Setup

1. **Power On:** Connect the control panel to a power source using the provided USB Type-C cable and power adapter. The panel also has a built-in battery for backup during power outages.
2. **Mounting:** The control panel can be mounted on a wall using the included mounting hardware. Ensure it is placed in a central location for optimal wireless signal reception.
3. **Wi-Fi Connection:** The system supports 2.4GHz Wi-Fi. Follow the instructions in the user manual to connect the control panel to your home Wi-Fi network via the Tuya Smart Life App.
4. **4G GSM (Optional):** If desired, insert a 4G SIM card into the designated slot on the control panel for cellular backup and alerts.

### 3.2 Sensor and Accessory Installation

Sensors and accessories are paired wirelessly with the control panel. Each sensor comes with adhesive pads for easy attachment to surfaces.

- **Door/Window Sensors:** Attach the two parts of the magnetic contact sensor to the door/window frame and the door/window itself, ensuring they are aligned and close to each other when closed. When the door/window opens, the magnetic contact is broken, triggering an alert.
- **Motion Detectors:** Mount motion detectors in areas where movement detection is crucial, such as hallways or living rooms. The mounts allow for adjustable positioning to cover the desired area.
- **Remote Controls & SOS Button:** These are pre-paired or easily paired via the app for quick arming, disarming, and emergency alerts.

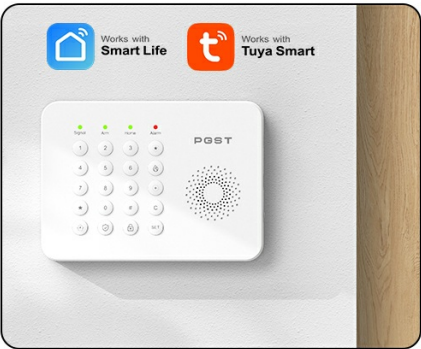


**SMART KEYPAD DESIGN AND EASY OPERATION**

Compact Host Body hanging at the door makes it look very beautiful and with keypad, it is convenient to operate

Figure 2: Example installation of door and motion sensors.

### HOW TO SET WIFI AND ALARM NUMBER



#### How to set up wifi

Host operation: **SET** → **6666** → **#** → **00** → **#**

Phone operation: **WIFI (2.4GHz)** → **Smart life APP** → **Add devices** → **Sensors**  
 → **Alarm** → **WIFI** → **Blink Quickly**

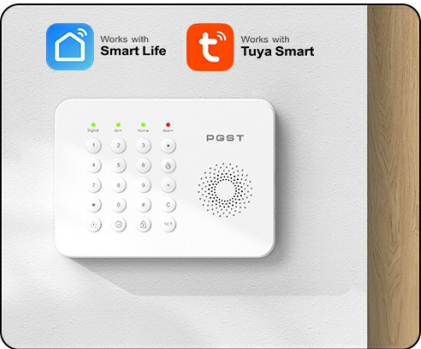
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#### How to set the alarm number

Host operation: **SET** → **6666** → **#** → **51-56** → **Number** → **#**

Figure 3: Main button functions of the control panel.

### HOW TO ADD ACCESSORIES



#### Remote control:

**SET** → **6666** → **#** → **21** → **1-10#**

#### Door sensor:

**SET** → **6666** → **#** → **23** → **1-240#**

#### Motion sensor:

**SET** → **6666** → **#** → **23** → **1-240#**








Figure 4: Steps for Wi-Fi and alarm number configuration.

## NO CONTRACT FEE

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



Figure 5: Guide to adding various accessories.

## 4. OPERATING INSTRUCTIONS

The PGST A02F system offers multiple ways to control and monitor your home security:

- **Control Panel:** Use the integrated keypad to arm, disarm, and configure system settings.
- **Tuya App:** Monitor and control your system remotely from your smartphone. Arm or disarm the alarm, check the status of your home, and receive real-time alerts.
- **Voice Control:** The system is compatible with Alexa and Google Assistant. Use voice commands to arm or disarm your system.
- **Remote Controls:** Use the included remote controls for quick arming and disarming when entering or leaving your property.
- **SOS Function:** The dedicated SOS button allows for immediate emergency alerts, friendly for elderly users or anyone needing quick assistance.

### 4.1 Key Features

- **Door and Infrared Sensing Technology:** Magnetic contacts detect open/closed states of doors/windows, while infrared sensors detect movement within designated areas.
- **Enhanced Safety Features:** Alerts for parents when children open exterior doors, and an SOS button for emergency situations.
- **Customizable and Expandable:** Protect specific areas of your home by installing various sensors. The system can be expanded with additional sensors, cameras, or other security devices.
- **Remote Monitoring and Control:** Manage your system from anywhere via the Tuya App, receiving real-time alerts on your smartphone.
- **Built-in Battery:** Ensures continuous operation during power outages.
- **No Contract Fee:** The system can be used without monthly subscription fees, utilizing your existing Wi-Fi or an optional 4G SIM card.
- **Scheduled Arm/Disarm:** Set specific time periods for automatic arming and disarming based on daily routines.
- **Preset Alarm Calls:** Configure up to five family numbers to receive alerts in case of an emergency.



Figure 6: Voice control functionality with smart assistants.

## BUILT-IN BATTERY AND NO WORRY POWER OUTAGE

Equipped with a high capacity battery, it still works normally even though it happens a power outage



Low battery alert



Anti-disassembly alarm



Figure 7: Built-in battery for power outage protection and anti-disassembly alarm.

Video 1: Official overview of the PGST A02F Home Alarm System, demonstrating its features and components.

## 5. MAINTENANCE

To ensure optimal performance and longevity of your PGST A02F Home Security System, regular maintenance is recommended:

- **Battery Monitoring:** The control panel has a built-in rechargeable lithium polymer battery. Monitor the battery status via the Tuya App or the panel indicators. Recharge as needed using the provided USB-C cable.
- **Sensor Batteries:** Periodically check the batteries in your wireless sensors. Replace them when a low battery alert is indicated by the system or app.
- **Cleaning:** Gently wipe the control panel and sensors with a soft, dry cloth to remove dust. Avoid using abrasive cleaners or solvents.
- **Firmware Updates:** Check the Tuya App regularly for any available firmware updates for your control panel to ensure you have the latest features and security enhancements.

## 6. TROUBLESHOOTING

If you encounter issues with your PGST A02F Home Security System, refer to the following common troubleshooting tips:

- **No Wi-Fi Connection:** Ensure your Wi-Fi network is 2.4GHz. The system does not support 5G Wi-Fi. Verify your Wi-Fi password and signal strength.
- **Sensor Not Triggering:** Check the alignment of magnetic contacts for door/window sensors. Ensure motion detectors are placed correctly and not obstructed. Verify sensor batteries.
- **No App Alerts:** Confirm the control panel is connected to Wi-Fi or has an active 4G SIM card. Check app notification settings on your smartphone.
- **Alarm Not Sounding:** Ensure the buzzer switch on the control panel is in the 'on' position.
- **Adding Accessories:** If you are having trouble adding new sensors or accessories, refer to the detailed pairing instructions in the user manual or contact customer support.

For further assistance, consult the full user manual or contact PGST customer support. Operation videos may

also be available to guide you through specific setup processes.

## 7. SPECIFICATIONS

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Specification	Detail
Brand	PGST
Model Number	A02F
Power Source	Corded Electric
Compatible Devices	Smartphone (Tuya App), Alexa, Google Assistant
Item Dimensions (L x W x H)	8 x 6 x 4 inches
Connectivity Technology	Wireless (2.4GHz Wi-Fi, 4G GSM)
Alert Type	Audio & Motion, App Push, SMS, Phone Call
Control Method	Remote (App, Voice, Keypad, Remote Controls)
Sensor Technology	Magnetic Contact (Door/Window), Passive Infrared (Motion)
Connector Type	USB Type C
Smart Home Compatibility	Smart Home Compatible (Alexa, Google Assistant)
Item Weight	1.07 Kilograms
Battery Cell Type	Lithium Polymer (Built-in)
Installation Method	Screw-In / Adhesive

## 8. WARRANTY AND SUPPORT

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For specific warranty information regarding your PGST A02F Wireless Home Security System, please refer to the documentation included in your product packaging or visit the official PGST website. Protection plans may be available for extended coverage.

For technical support, troubleshooting assistance, or inquiries about additional accessories, please contact PGST customer service through their official channels. You can often find support contact information on the brand's Amazon store page or their dedicated support website.