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TUGARD ZX-G03

TUGARD ZX-G03 4G/WiFi Wireless Alarm System

User Manual

1. Package Contents

Verify that all components are present in your package:

- 1 x Control Panel (Host)
- 1 x Motion Detector
- 1 x Door/Window Sensor
- 2 x RFID Cards
- 2 x Remote Controls
- 1 x Siren
- Power Cable



Image: All components of the TUGARD ZX-G03 Wireless Alarm System, including the control panel, motion sensor, door/window sensor, remote controls, RFID tags, and siren.

2. Setup

2.1 Powering the Control Panel

1. Connect the control panel to a power outlet using the provided power cable.
2. The control panel has a backup battery that lasts 3-4 hours in case of power outage.

2.2 Sensor Battery Installation

The sensors operate on batteries. The door/window sensor uses a CR2032 battery, which is included and has an estimated life of 3 years.

2.3 Network Connection (Wi-Fi & 4G)

The system supports both Wi-Fi and 4G dual networks for continuous security. Insert a 4G SIM card into the designated slot on the control panel if you wish to use 4G connectivity.



Image: The TUGARD ZX-G03 control panel highlighting its WiFi and 4G dual network capabilities, with SIM card slots indicated.

2.4 Mobile App Download and Registration

1. Download the 'Smart Life' or 'Tuya' application from your smartphone's app store.
2. Register for an account and follow the in-app instructions to add your TUGARD alarm system.

2.5 Pairing Sensors and Accessories

The system can support up to 100 sensors. Refer to the app or control panel interface for instructions on pairing additional sensors, remote controls, and RFID cards.



Image: A close-up of the TUGARD ZX-G03 control panel's touchscreen interface, displaying time, date, weather, and system status.

2.6 Mounting Options

The alarm panel can be placed on a desktop or mounted on a wall. Choose a location that provides optimal coverage and accessibility.



Image: Demonstrates the TUGARD ZX-G03 control panel being used in both desktop placement and wall-mounted configurations.

3. Operating Instructions

3.1 Arming and Disarming the System

The system can be armed or disarmed using the control panel, mobile app, remote controls, or RFID cards.

- **Control Panel:** Enter your PIN and select the desired arming mode (e.g., Arm, Home Arm).
- **Mobile App:** Use the 'Smart Life' or 'Tuya' app to remotely arm or disarm the system.
- **Remote Controls:** Press the 'Arm' or 'Disarm' button on the remote.
- **RFID Cards:** Tap an authorized RFID card on the control panel's RFID reader to disarm.

3.2 Sensor Monitoring and Alerts

When important entry points like windows/doors are opened or motion is detected, the system will trigger an alarm and send instant alerts.

- **Siren:** The system emits a 120 dB warning siren.
- **App Alerts:** You will receive instant notifications on your phone via call, app push, or SMS (if 4G is configured).



Image: Illustrates the alarm system detecting an open window, motion, and sending alerts via call, app push, and SMS.

3.3 Voice Control Integration

The TUGARD ZX-G03 system is compatible with Amazon Alexa and Google Assistant, allowing for voice commands to control the alarm system.



Image: A user interacting with an Amazon Alexa device to arm the TUGARD alarm system via voice command.

3.4 Renaming Sensors

You can rename individual sensors within the mobile app to easily identify which sensor triggered an alarm.



Image: Screenshots of the mobile app showing how to check sensor status and rename a door sensor to a custom name like 'My son room'.

3.5 Volume Adjustment

The system offers multi-level volume adjustment for the alarm, operation prompt tone, and doorbell tone.

- **Alarm Volume:** 3 levels (High, Low, Mute)
- **Operation Prompt Tone:** 4 levels (High, Medium, Low, Mute)
- **Doorbell Tone:** 4 levels (High, Medium, Low, Mute)



Image: A close-up of the TUGARD ZX-G03 control panel displaying the siren volume adjustment options: High, Low, and Mute.

4. Maintenance

4.1 Battery Replacement

- **Control Panel:** The main system has a built-in backup battery. If the panel loses power, it will operate on this battery for approximately 3-4 hours. Ensure the panel is connected to power for continuous operation.
- **Sensors:** Individual sensors are battery-operated. The door/window sensor uses a CR2032 battery with an estimated life of 3 years. Replace batteries when the low battery indicator appears on the sensor or in the mobile app.

4.2 Cleaning

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

5. Troubleshooting

- **System not responding:** Ensure the control panel is powered on and connected to a stable Wi-Fi or 4G network. Check sensor batteries.
- **No app notifications:** Verify your phone has an internet connection and that app notifications are enabled for the 'Smart Life' or 'Tuya' app. If using 4G, ensure the SIM card has an active data plan.
- **False alarms:** Check sensor placement to ensure they are not triggered by pets, drafts, or direct sunlight. Adjust motion sensor sensitivity if available.
- **Cannot add more sensors:** The system supports up to 100 sensors. If you are at the limit, you cannot add more. Ensure new sensors are in pairing mode.
- **System works without Wi-Fi?** Yes, the system can function locally without Wi-Fi, but app notifications and remote control features will not be available. Only a local 110 dB alarm will sound.

6. Specifications

Feature	Specification
Brand	TUGARD
Model Number	ZX-G03
Manufacturer	Shenzhen Smartrol Technology Limited
Product Dimensions (L x W x H)	18.01 x 11.99 x 1.4 cm (7.09 x 4.72 x 0.55 inches)
Item Weight	453.59 grams (1 pound)
Power Source	Corded Electric
Voltage	110 Volts
Sound Level	4 Sones (Alarm: 120 dB)
Connectivity Technology	Wireless (Wi-Fi, 4G)
Control Method	Application, Voice (Alexa, Google Assistant)
Compatible Devices	Smartphone
Max Range	100 Meters
Panel Battery Type	Lithium-ion (backup)
Sensor Battery Type	1 CR2032 (included)
Sensor Battery Life	3 years

7. Warranty and Support

For warranty information or technical support, please refer to the documentation provided with your purchase or contact TUGARD customer service. The manufacturer is Shenzhen Smartrol Technology Limited.

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