

## XNY XNY-103-4G-T

# XNY 4G Wi-Fi Home Alarm System Instruction Manual

Model: XNY-103-4G-T

## INTRODUCTION

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The XNY 4G Wi-Fi Home Alarm System provides comprehensive security for your home. This advanced system features a 2.4-inch TFT display, supports dual Wi-Fi (2.4GHz) and 4G cellular networks, and offers multiple notification methods including app alerts, SMS, and calls. It is designed for easy installation and can be expanded with up to 90 accessories. Control your system via the keypad, smartphone app, remote controls, or RFID cards. This manual provides detailed instructions for setting up, operating, and maintaining your alarm system.

## PACKAGE CONTENTS

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Please verify that all the following components are included in your package:

- 1 x Alarm Control Panel
- 1 x PE-513 Alarm Siren
- 2 x Pet-Friendly PIR Motion Detectors
- 10 x Door/Window Sensors
- 3 x RFID Cards
- 3 x Remote Controls
- 1 x SOS Button

## SETUP

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### 1. Main Panel Installation

Mount the alarm control panel in a central location within your home, away from direct sunlight and heat sources. Ensure it is within Wi-Fi range and has access to a power outlet. The panel can be screw-mounted to a wall.

### 2. SIM Card Insertion (Optional)

For 4G cellular backup, insert a 2G/3G/4G compatible SIM card into the designated slot on the alarm panel. Ensure the SIM

card is active and has sufficient credit or data plan for SMS and calls.



The XNY alarm system features a main control panel with a 2.4-inch TFT screen and keypad. It supports both Wi-Fi (2.4GHz) and 4G cellular networks via SIM cards, ensuring continuous security even if one network fails. The system is compatible with Tuya, Smart Life, Amazon Alexa, and Google Assistant for integrated smart home control.

### 3. App Download and Pairing

1. Download the 'Tuya Smart' or 'Smart Life' app from your smartphone's app store (iOS or Android).
2. Register for an account or log in.
3. Follow the in-app instructions to add your XNY alarm system. Ensure your phone and the alarm panel are connected to a 2.4GHz Wi-Fi network during pairing. 5GHz Wi-Fi is not supported.

### 4. Sensor Installation

All sensors are wireless and can be easily installed.

- **Door/Window Sensors:** Attach the two parts of the sensor to a door or window frame and the movable part (door/window) using the provided adhesive or screws. Ensure the two parts are aligned and close to each other (within 1 cm) when the door/window is closed.



Door and window sensors detect unauthorized opening. When the magnetic contact is broken, the sensor triggers an alarm, notifying you of potential intrusion. These sensors are easy to install on various entry points.

- **PIR Motion Detectors:** Install PIR sensors in corners of rooms or hallways, ensuring a clear line of sight to the area you wish to monitor. Avoid placing them near heat sources or in direct sunlight. These sensors are pet-friendly for animals under 15 kg.



Excellent anti-animal recognition technology, immune to small animals under 15 kg, prevents false alarms when detecting pets.



The included PIR motion detectors are designed with pet immunity, preventing false alarms caused by animals weighing less than 15 kg. This ensures that your pets can move freely within the monitored area without triggering the alarm system.

## 5. Pairing Accessories

The system supports up to 100 wireless accessories. Refer to the app or panel menu for instructions on pairing additional remote controls, RFID cards, and other detectors.

## OPERATING THE SYSTEM

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### 1. Arming and Disarming

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

- **Arm:** Activates all sensors. Any triggered sensor will sound the alarm and send notifications.
- **Disarm:** Deactivates the alarm system. Sensors will not trigger an alarm.
- **Home Arm:** Activates perimeter sensors (e.g., door/window sensors) while allowing movement within the home (e.g., disabling PIR sensors).

**Control your alarm system anytime anywhere**  
arm/disarm remotely and receive real-time alerts

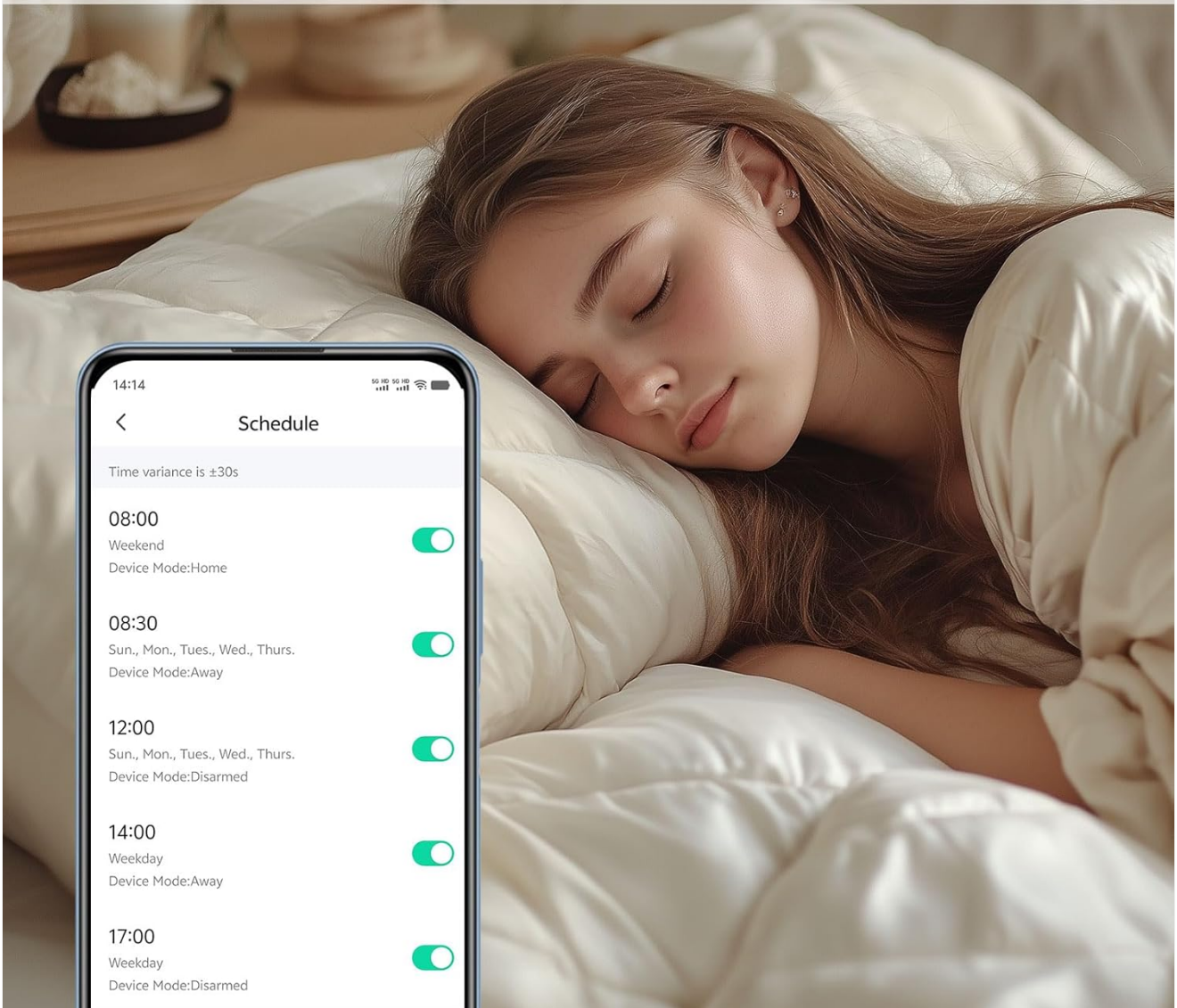


The XNY alarm system can be controlled remotely via its dedicated smartphone application. This interface allows users to arm or disarm the system, view event history, manage accessories, and adjust settings from anywhere.

## **2. Scheduled Arm/Disarm**

Set up automatic arming and disarming schedules via the smartphone app or control panel to suit your daily routine. This feature prevents repeated manual operations.

## Timing arm and disarm to avoid daily repeated operation



The system supports scheduled arming and disarming, allowing users to set specific times for the alarm to activate or deactivate automatically. This feature helps avoid repetitive manual operations and ensures the system is armed when needed, such as during sleep or when leaving home.

### 3. Notification Methods

When an alarm is triggered, the system can notify you through:

- **App Notifications:** Real-time alerts sent to your smartphone.
- **SMS Notifications:** Text messages sent to up to 5 pre-defined phone numbers.
- **Call Notifications:** Automated calls to up to 5 pre-defined phone numbers.

### 4. Pet-Friendly PIR Operation

The PIR motion detectors are designed to ignore pets weighing less than 15 kg, minimizing false alarms while maintaining security against human intruders.

### 5. SOS Function

In an emergency, press the SOS button on the remote control or main panel. This will immediately trigger the alarm and

send emergency notifications to your pre-set contacts.



## Elderly protection

one click for help

The system includes an SOS button, which can be activated in emergencies. When pressed, it triggers an alarm and sends notifications to pre-defined contacts, providing a quick way for elderly individuals or anyone in distress to call for help.

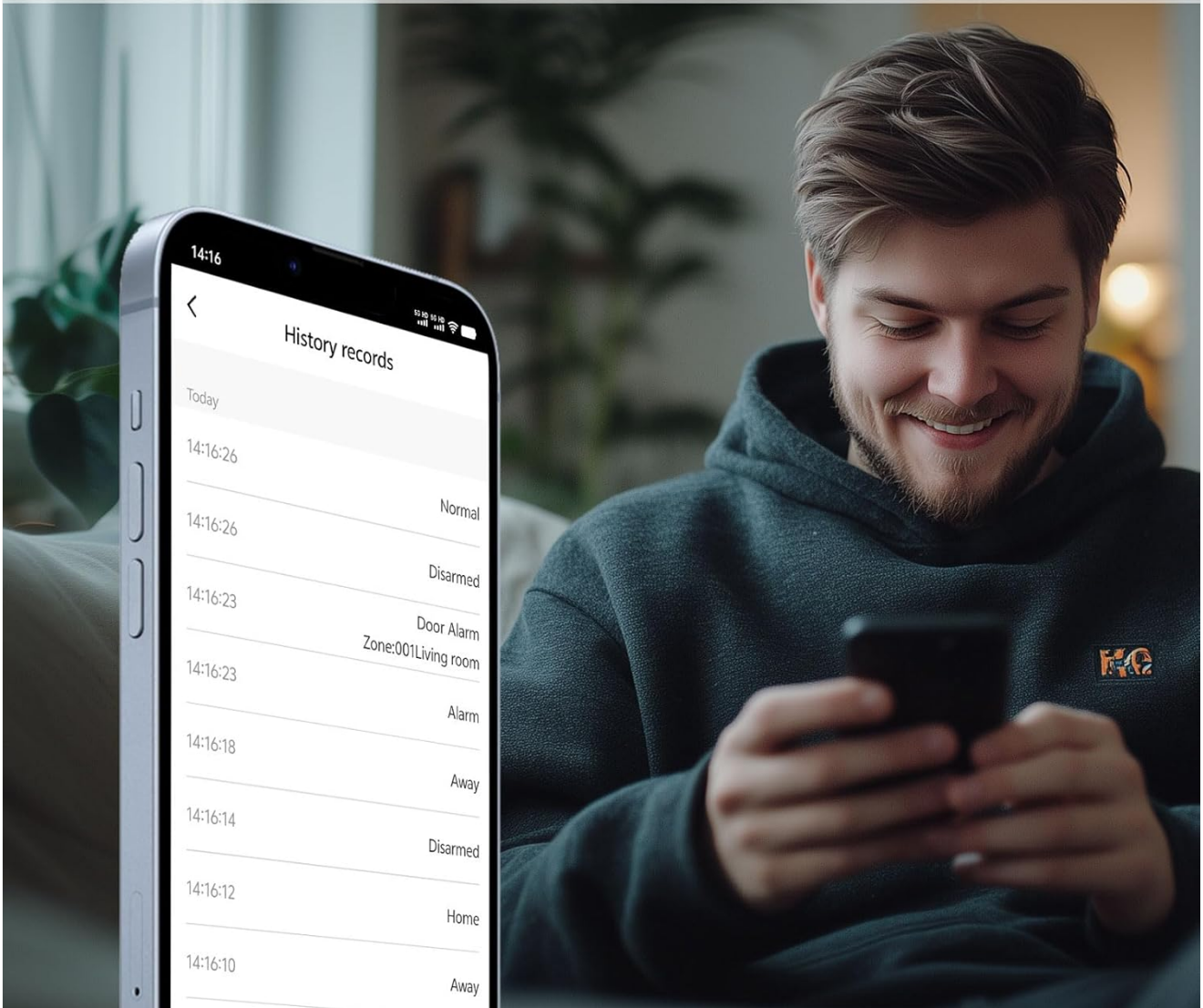
### 6. Smart Home Integration

The XNY alarm system is compatible with Amazon Alexa and Google Assistant. You can control your alarm system and other smart home devices using voice commands.

### 7. Sensor Management and History

The app allows you to rename sensors for easier identification of triggered zones. You can also view a detailed history log of all system events, including arming/disarming and sensor activations.

## Support rename sensors to distinguish which sensor triggered the alarm system



The XNY alarm system provides a detailed history log of all events, including arming, disarming, and sensor triggers. Users can review these records via the app. Sensors can also be renamed within the app to easily identify which sensor triggered an alarm.

### 8. Child Protection Feature

Utilize door/window sensors to monitor access points for children. The system can notify you via the app when a monitored door or window is opened, enhancing child safety.

# Children Protection

Notify You When the Door/Window is Opened



The door/window sensors can also be used for child protection, notifying parents via the app when a door or window is opened. This feature provides an additional layer of safety for households with young children.

## MAINTENANCE

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### 1. Battery Life

The main alarm panel includes a Lithium-ion battery with an approximate life of 2 hours during a power outage. Ensure the panel is connected to a reliable power source for continuous operation. Wireless sensors are battery-powered; replace batteries as indicated by low battery warnings on the panel or app.

### 2. Cleaning

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

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Alarm siren is not working or is too quiet.	Siren not properly connected or faulty. Volume settings too low.	Ensure the siren is securely connected to the main panel. Check the volume settings in the app or on the control panel. If issues persist, contact support.
No app notifications or SMS alerts.	Wi-Fi connection issue, SIM card issue, or app notification settings.	Verify the alarm panel's Wi-Fi connection (2.4GHz only). Check if the SIM card is properly inserted and has an active plan. Ensure app notifications are enabled in your phone's settings and within the alarm app.
False alarms from PIR motion detectors.	Pet exceeding 15 kg, sensor placement, or environmental factors.	Ensure pets in the detection area are under 15 kg. Reposition the sensor to avoid direct sunlight, heat vents, or moving objects like curtains.
Cannot pair new accessories.	Accessory limit reached or incorrect pairing procedure.	The system supports up to 90 accessories. If you are within this limit, ensure you are following the correct pairing steps as outlined in the app or panel menu.

## SPECIFICATIONS

Feature	Detail
Model Number	XNY-103-4G-T
Dimensions (L x W x H)	16 x 10 x 2 cm
Weight	1.1 Kilograms
Color	Black
Power Source	Electric Cable
Installation Method	Screw-in
Sound Level	120 Decibels
Battery Type	1 Lithium-ion (included)
Battery Life (Panel)	2 hours (during power outage)
Connectivity Technology	Wi-Fi (2.4GHz), 2G/3G/4G SIM
Control Method	Application, Keypad, Remote, RFID
Compatible Devices	Smartphone, Amazon Alexa, Google Assistant
Max Accessories	Up to 90 wireless detectors/accessories

## WARRANTY AND SUPPORT

Specific warranty information for the XNY 4G Wi-Fi Home Alarm System is not available in the provided product details. For warranty claims or technical support, please refer to the contact information provided with your purchase or visit the XNY official website.