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> KERUI W18 WiFi/GSM Home Alarm System User Manual

KERUI W18

KERUI W18 WiFi/GSM Home Alarm System User Manual

Model: W18

INTRODUCTION

The KERUI W18 is an advanced dual-network (WiFi and GSM) home alarm system designed to provide comprehensive security for your property. This system allows for remote control via a mobile application, SMS messages, or phone calls, ensuring you stay connected to your home's security status from anywhere. It supports a wide range of wireless sensors, offering flexible and expandable protection for homes, apartments, shops, and offices.

IMPORTANT SAFETY INFORMATION

- Read all instructions carefully before installation and use.
- Ensure the power adapter is connected to a suitable power source.
- Do not expose the main panel or sensors to water or extreme temperatures.
- Keep the device out of reach of children.
- Before inserting a SIM card, ensure its PIN code is deactivated to prevent operational issues.

PACKAGE CONTENTS

The KERUI W18 alarm system typically includes the following components:

- 1x KERUI W18 Main Alarm Panel
- 1x Wireless PIR Motion Detector
- 1x Wireless Door/Window Sensor
- 2x Remote Controls
- 1x Wired Siren
- 1x Power Adapter
- Mounting Accessories
- User Manual (this document)

Note: Actual package contents may vary based on the specific kit purchased.

PRODUCT OVERVIEW

Main Panel Components

Familiarize yourself with the main alarm panel and its various ports and controls:

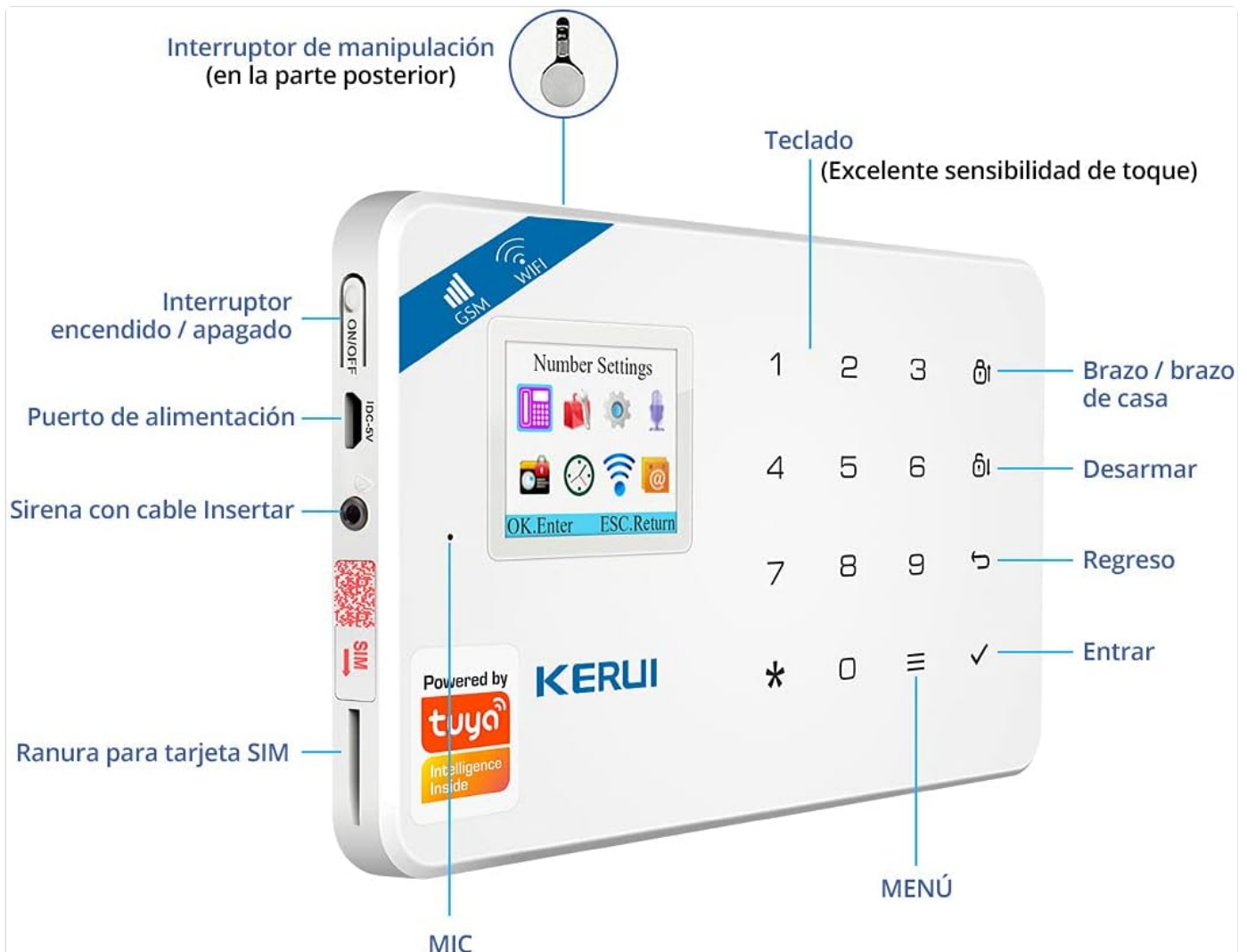


Image: KERUI W18 Main Alarm Panel. Key components include the tamper switch (rear), power switch, power port, wired siren port, SIM card slot, microphone, and keypad with display.

Tamper Switch (rear): Detects unauthorized removal of the panel.

Power On/Off Switch: Controls the main power.

Power Port (DC-5V): Connects to the power adapter.

Siren with Cable Insert: Port for the wired siren.

SIM Card Slot: For inserting a standard SIM card (25mm x 12mm).

MIC: Built-in microphone.

Keypad: Numeric keys (0-9), Arm/Home Arm, Disarm, Return, Enter, Menu.

SETUP GUIDE

1. Initial Power and SIM Card Installation

- 1. Insert SIM Card:** Before inserting, ensure the PIN code of your standard SIM card (25mm x 12mm) is deactivated. Insert the SIM card into the designated slot on the side of the main panel.
- 2. Connect Power:** Plug the power adapter into the DC-5V port on the main panel and then into a wall outlet.

3. **Power On:** Flip the power switch to the 'ON' position. The panel will power up.
4. **Connect Wired Siren:** If using the wired siren, connect its cable to the siren port.

2. Connecting to WiFi and Mobile App

The KERUI W18 system supports 2.4GHz WiFi networks. Ensure your router is configured for 2.4GHz or has a mixed mode enabled.

1. **Download the App:** Search for "Tuya Smart" in your mobile app store (iOS or Android) or scan the QR codes below to download and install the application.



Image: QR codes for downloading the Tuya Smart app.

Download for iOS: [Tuya Smart on App Store](#)

Download for Android: [Tuya Smart on Google Play Store](#)

2. Connect W18 to WiFi via App:

- On the W18 panel, navigate to the WiFi settings page.
- In the Tuya Smart app, tap the '+' icon to add a device.
- Select the option to configure the device.
- Enter your 2.4GHz WiFi network password. Ensure the password does not contain special characters.
- Follow the on-screen prompts in the app to complete the connection. The app language will automatically match your phone's system language.

3. Pairing Wireless Sensors and Remote Controls

The system supports up to 150 wireless sensors and remote controls. Refer to the specific sensor's manual for detailed pairing instructions, but the general process involves putting the main panel into pairing mode and then triggering the sensor.

8 TIPOS DE ZONAS DE DEFENSA *para una Cobertura de Seguridad Total*



Image: Diagram illustrating the KERUI W18 system's operation.

1. Connect power and insert SIM card.
2. Arm/disarm via remote control, phone, or app.
3. When a detector/sensor is activated, the host triggers an alarm.
4. The system notifies the user via SMS/CALL/APP and automatically dials up to 6 preset numbers and 2 CID help numbers.

OPERATING INSTRUCTIONS

Arming and Disarming the System

The KERUI W18 offers multiple methods for arming and disarming:

- **Keypad:** Use the 'Arm' (lock icon) or 'Disarm' (unlocked icon) buttons on the main panel.
- **Remote Control:** Press the arm or disarm buttons on the provided remote fobs.
- **Mobile App:** Use the Tuya Smart app to remotely arm or disarm the system.
- **SMS/Call:** Send specific SMS commands or make a call to the system's SIM card number to control its status.

Understanding Zone Types

The system supports up to 99 zones, each configurable with 8 different types to suit various security needs:

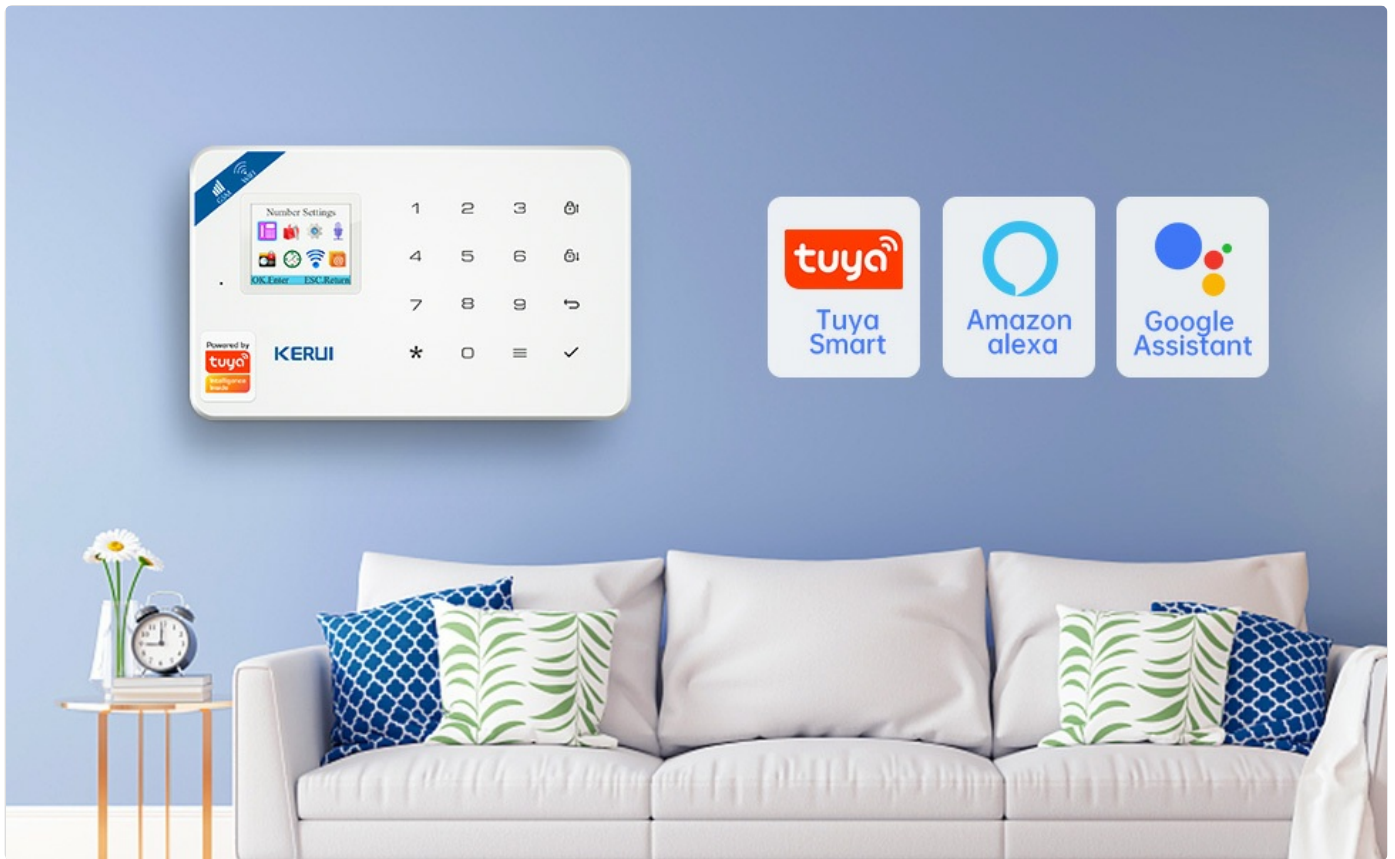


Image: Explanation of the 8 defense zone types.

Normal Zone: Triggers an immediate alarm upon detection.

Stay Zone: Does not trigger an alarm when activated while the system is armed in 'Home' mode.

Intelligent Zone: Requires two activations within 30 seconds to trigger an alarm, ideal for pet-friendly environments.

Senior Zone: Automatically dials 3 preset help numbers when activated, suitable for elderly monitoring.

Chime Zone: Produces a "ding-dong" sound when triggered.

Welcome Zone: Plays a "welcome" sound when triggered.

Emergency Zone: Triggers an immediate alarm, typically used for gas detectors or emergency buttons.

Close Zone: No alarm is triggered regardless of the system's status.

Scheduled Arm/Disarm

You can program up to 4 groups of scheduled arming/disarming times. This feature allows you to automate the system's status based on your daily routine, such as arming when you leave for work and disarming when you return.



Image: Examples of scheduled arming and disarming for daily routines.

Arm at 8:00 AM (Go to Work)

Disarm at 7:10 AM (Leave Work)

Arm at 10:30 PM (Go to Bed)

Disarm at 6:15 AM (Wake Up)

Emergency Call Function

In case of an alarm, the system can automatically dial up to 6 preset phone numbers and send SMS alerts to notify designated contacts. This multi-group alarm call ensures that emergency contacts are promptly informed.



Image: The system can make multi-group alarm calls to notify several contacts simultaneously.

MAINTENANCE

- **Battery Replacement:** Wireless sensors are battery-powered. Replace batteries promptly when the low battery indicator appears on the sensor or main panel. Refer to individual sensor manuals for specific battery types and replacement procedures.
- **Cleaning:** Use a soft, dry cloth to clean the main panel and sensors. Avoid using abrasive cleaners or solvents.
- **System Checks:** Periodically test your alarm system (e.g., once a month) by triggering a sensor to ensure all components are functioning correctly and that notifications are received.

TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
System does not connect to WiFi.	Incorrect WiFi password, 5GHz network, special characters in password, router compatibility.	<ul style="list-style-type: none">• Ensure your WiFi network is 2.4GHz.• Verify the WiFi password is correct and contains no special characters.• Restart your router and the alarm panel.• Check router settings for compatibility.
No app notifications or status updates.	App permissions, background data restrictions, network issues, app limitations.	<ul style="list-style-type: none">• Check your phone's app permissions for "Tuya Smart" (notifications, background data).• Ensure your phone has a stable internet connection.• Rely on SMS/call alerts as a primary notification method if app notifications are inconsistent.

Problem	Possible Cause	Solution
SIM card not recognized or SMS/call functions not working.	SIM PIN active, incorrect SIM card size, poor signal.	<ul style="list-style-type: none"> • Deactivate the SIM card's PIN code using a mobile phone before inserting it into the alarm panel. • Ensure the SIM card is a standard size (25mm x 12mm) and inserted correctly. • Check for GSM signal strength on the panel.
Cannot set entry/exit delay times on the keypad.	Specific model limitation or menu navigation issue.	<ul style="list-style-type: none"> • Some settings might be exclusively configurable via the mobile app. • Refer to the detailed menu guide within the panel's interface or the app for delay settings.
False alarms from PIR sensors.	Improper placement, pets, drafts, direct sunlight.	<ul style="list-style-type: none"> • Ensure PIR sensors are not facing windows, heat sources, or areas with strong air currents. • Consider using 'Intelligent Zone' for areas with pets. • Adjust sensor sensitivity if available.

SPECIFICATIONS

Feature	Detail
Brand	KERUI
Model Number	W18
Connectivity Technology	Wireless (WiFi 2.4GHz, GSM)
Power Source	DC 5V (Power Adapter)
Compatible Devices	Smartphone (iOS/Android)
Control Method	Remote Control, App, SMS, Call
Number of Zones	Up to 99 wireless zones
Zone Types	8 configurable types (Normal, Stay, Intelligent, Senior, Chime, Welcome, Emergency, Close)
Alert Type	Audio (Siren), SMS, Call, App Notification
UPC	782337084440

WARRANTY AND SUPPORT

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- **Warranty:** The KERUI W18 alarm system comes with a 12-month warranty from the date of purchase.
 - **Technical Support:** Enjoy free lifetime technical support for your product.
 - **Customer Service:** For any questions or assistance, please contact our friendly customer service team via Amazon email. We aim to respond within 24 hours.
 - **Operation Guide Video:** For a visual guide on operation, please refer to the YouTube video:[KERUI W18 Operation Guide](#)