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WISUALARM KIT2-1G5S-R8

WISUALARM Smart Smoke Detector System User Manual

Model: KIT2-1G5S-R8

1. Introduction and System Overview

The WISUALARM Smart Smoke Detector System provides advanced fire safety for your home. This system includes a wireless gateway and multiple interconnected smoke detectors, designed to offer comprehensive protection and real-time alerts via a dedicated mobile application. The gateway ensures constant communication between all alarms, triggering simultaneous alerts across your home if smoke or fire is detected.

Key features include:

- **Smart Home Integration:** Smoke detectors with a base station for intelligent home monitoring and app control via smartphone.
- **Long-Lasting Battery:** Reliable operation thanks to a powerful 10-year sealed battery, eliminating frequent battery replacements.
- **Wide Coverage:** Multiple smoke detectors can be interconnected to trigger a widespread alarm throughout the house. Up to 24 alarms can be connected.
- **App Control:** Remotely control your home's security via the app, receiving real-time notifications for low battery, device status, and smoke/fire alerts. Note: The app cannot silence the alarm once triggered.
- **Dual Communication:** The base station supports both Wi-Fi (2.4GHz only, not compatible with 5GHz) and Ethernet communication.
- **Easy Alarm Source Location:** Customize device names and indicate the room they are in. When an alarm sounds, you can see the source in the app.
- **Family Sharing:** Share the device via the WISUALARM app so every family member can receive notifications.
- **Certified Standard:** Complies with fire safety standard EN 14604 for effective smoke detection and resident warning.

2. Package Contents

Please verify that all components are present in your package:

- 5 x Smoke Detectors (Model S05-R8-B)
- 1 x Wireless Gateway (Model GW1)
- 1 x EU Plug Power Adapter
- 1 x Type-C Cable
- Adhesive Pads
- Screw Set for Mounting
- User Manual

3. Safety Information

Read all instructions carefully before installation and operation. Keep this manual for future reference.

- This device is designed for indoor use only.
- Do not paint the smoke detector. Paint can clog the sensing chambers and prevent the alarm from operating correctly.
- Do not install in areas with high humidity, extreme temperatures, or excessive dust.
- Regularly test your smoke detectors as described in this manual.
- The sealed battery is designed for 10 years of operation and is not replaceable by the user. Do not attempt to open the smoke detector unit.
- Ensure the gateway is connected to a stable 2.4GHz Wi-Fi network. It is not compatible with 5GHz networks.
- This product complies with the EN 14604 safety standard.

4. Setup Guide

4.1 App Installation

Download the **WISUALARM** app from your smartphone's app store (iOS or Android). Create an account or log in if you already have one.

4.2 Gateway Setup

1. Place the gateway in a central location within your home, ensuring it is within Wi-Fi range and can communicate with all smoke detectors.
2. Connect the gateway to power using the provided Type-C cable and EU plug adapter.
3. Open the WISUALARM app. Follow the in-app instructions to add the gateway. You will typically scan a QR code on the gateway to initiate pairing.
4. Connect the gateway to your 2.4GHz Wi-Fi network. Ensure your router is configured to support 2.4GHz.

4.3 Smoke Detector Setup and Placement

The smoke detectors are pre-paired with the gateway in this kit. If you purchase additional detectors, they can be added via the app.

1. **Recommended Placement:** Install smoke detectors on every level of your home, including basements and attics. Place them inside and outside sleeping areas.
2. **Ceiling Mounting:** For optimal detection, mount detectors on the ceiling, at least 10 cm (4 inches) from any wall.

3. **Wall Mounting:** If ceiling mounting is not possible, mount on a wall between 10 cm (4 inches) and 30 cm (12 inches) from the ceiling.
4. **Avoid:** Do not place detectors near windows, doors, or air vents where drafts might interfere with smoke detection. Avoid placing them in kitchens, bathrooms, or garages where cooking fumes, steam, or exhaust might cause false alarms.
5. Use the provided adhesive pads or screw set to securely mount each smoke detector in its chosen location.
6. Once mounted, the smoke detectors will automatically connect to the gateway.



Image: Overview of the WISUALARM Smart Smoke Detector System, illustrating the wireless connection between multiple smoke detectors and the central gateway, with app notifications shown on a smartphone.

5. Operating Instructions

5.1 Interconnected Alarm Functionality

When one smoke detector in the system detects smoke, all interconnected alarms will sound simultaneously, providing a comprehensive warning throughout your home. The system supports connecting up to 24 alarms for extensive coverage.



Image: Illustration demonstrating the interconnected alarm feature, where an alarm triggered in one room activates all other connected smoke detectors in the network.

5.2 WISUALARM App Features

The WISUALARM app provides real-time monitoring and control over your smoke detector system.

- **Instant Notifications:** Receive push notifications on your smartphone for smoke/fire alerts, low battery warnings, and device status updates.
- **Remote Monitoring:** Check the status of your detectors and gateway from anywhere.
- **Alarm Source Location:** The app allows you to customize names for each device (e.g., "Living Room Smoke Detector"). When an alarm is triggered, the app will indicate the specific device and its location, helping you quickly identify the source of the alert.
- **Family Sharing:** Share access to your WISUALARM system with family members through the app, ensuring everyone receives critical notifications.
- **Human Voice Broadcasting:** The system supports loud alarm and fault event broadcasting, providing clear voice alerts such as "Attention, Smoke is detected" or "Attention, Smoke is low battery."

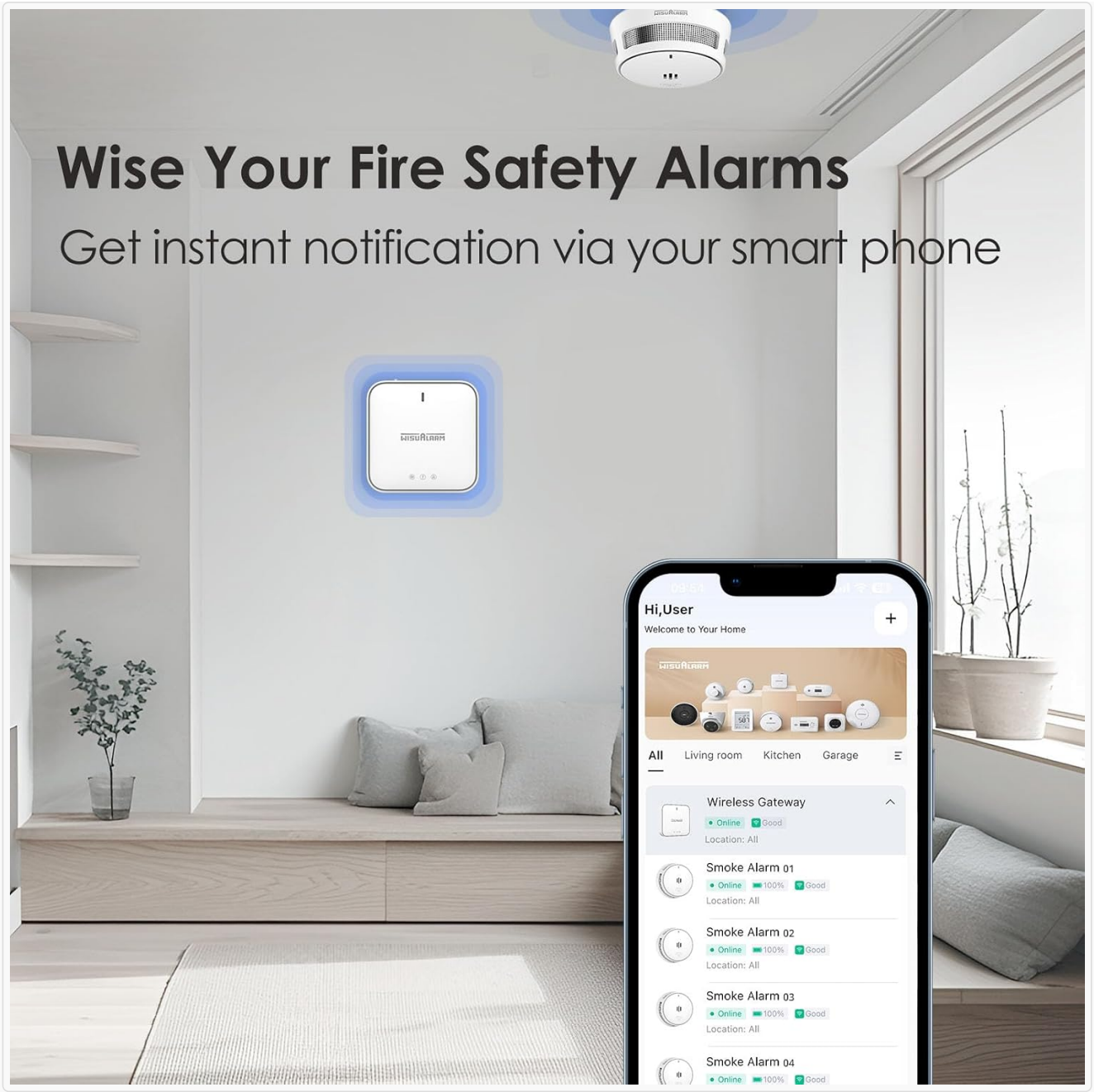


Image: A smartphone displaying an instant fire alarm notification from the WISUALARM app, highlighting the system's ability to provide real-time alerts.



Image: A visual representation of a house layout, demonstrating how the WISUALARM app can intelligently locate and display the specific source of an alarm within your home.



Image: The WISUALARM gateway illustrating its human voice broadcasting capabilities, providing clear audible alerts for connectivity status, smoke detection, and system faults.

5.3 Testing Your System

Regular testing ensures your smoke detectors are functioning correctly. It is recommended to test your system monthly.

- **Via App:** The WISUALARM app provides an easy testing function. You can choose to test all alarms simultaneously or test individual detectors. Navigate to the device details in the app and look for the "Node Test" or similar button.
- **Manual Test:** Press and hold the test button on each smoke detector until the alarm sounds. This confirms the alarm's sounder and battery are working.



Image: Screenshots of the WISUALARM app demonstrating the easy testing feature, allowing users to test all connected alarms or a single detector with a simple tap.

6. Maintenance

6.1 Battery Life

The smoke detectors are equipped with a sealed 10-year lithium battery. This battery is designed to last the entire lifespan of the detector and is not user-replaceable. The app will notify you when the battery is low.

6.2 Cleaning

Clean your smoke detectors at least once a year to remove dust and debris that could interfere with their operation. Use a soft brush attachment on your vacuum cleaner to gently clean around the vents and openings. Do not use cleaning solvents or wet cloths.

7. Troubleshooting

- **Alarm sounds without apparent smoke:** This could be due to cooking fumes, steam, or dust. Ventilate the area. If false alarms persist, ensure proper placement away from kitchens, bathrooms, and dusty areas.
- **No notifications from the app:** Ensure your gateway is powered on and connected to the internet. Check your phone's notification settings for the WISUALARM app. Verify the gateway is connected to a 2.4GHz Wi-Fi network, not 5GHz.
- **Smoke detector not connecting to gateway:** Ensure the detector is within range of the gateway. If it's a new detector, follow the in-app pairing instructions.
- **Low battery warning:** The smoke detector's sealed battery is nearing the end of its 10-year life. The entire unit should be replaced.
- **Gateway not connecting to Wi-Fi:** Ensure your Wi-Fi network is 2.4GHz. Restart your router and the gateway. Re-attempt the Wi-Fi setup process in the app.

8. Specifications

Feature	Specification
Model Number	KIT2-1G5S-R8
Manufacturer	ZHEJIANG HUAXIAO TECHNOLOGY CO., LTD
Dimensions (L x W x H)	33 x 20 x 6.5 cm
Weight	550 Grams
Color	White
Material	PC+ABS
Power Type	Sealed Battery (10-year life)
Voltage	3 Volts
Power	4.2 Watts
Alarm Sound Level	85 Decibels
Operating Humidity	10% to 95% RH (Non-Condensing)
Compatible Devices	Smartphones, Tablets
Upper Rated Temperature	55 Degrees Celsius
Country of Origin	China

9. Warranty and Support

WISUALARM provides a 5-year availability for spare parts for this product. For any technical support, troubleshooting assistance, or warranty inquiries, please contact WISUALARM customer service through the contact information provided on their official website or through your point of purchase.

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