Retekess TH011

Retekess TH011 Wireless WiFi Motion Sensor Alarm System User Manual

Model: TH011

Brand: Retekess

1. Product Overview

The Retekess TH011 is a wireless WiFi motion sensor alarm system designed for remote monitoring and security. It features a rechargeable motion detector and a receiver, allowing for app remote monitoring and the ability to add up to 24 sensors. This system is suitable for various applications including patient care, elderly monitoring, pet safety, and general home security.

Key Features:

- **Wide Detection Zone:** The motion sensor has an 8m detection distance and a 110° detection angle, providing comprehensive coverage.
- **Dual Power Supply:** The host can be powered via Type-C charging or battery, ensuring continuous operation even during power outages.
- **WiFi Wireless Communication:** Once connected to the network, information transmission is not limited by distance, enabling remote monitoring.
- **App Remote Monitoring:** Manage and receive alerts directly from your smartphone.
- **Power-off Memory Function:** The host retains settings, including music, after power cycling.



Image: The Retekess TH011 motion sensor and receiver providing indoor alarm functionality in a home environment.

Video: An overview of the Retekess TH011 Wireless Motion Sensor, highlighting its features and applications.

2. Package Contents

Verify that all items are present in the package:

- 1 x Host (Receiver)
- 1 x PIR Sensor (Motion Detector)
- 2 x Hanging Nails
- 3 x Batteries (Lithium Ion)
- 2 x Brackets
- 1 x Type-C Charging Cable
- 2 x User Manuals

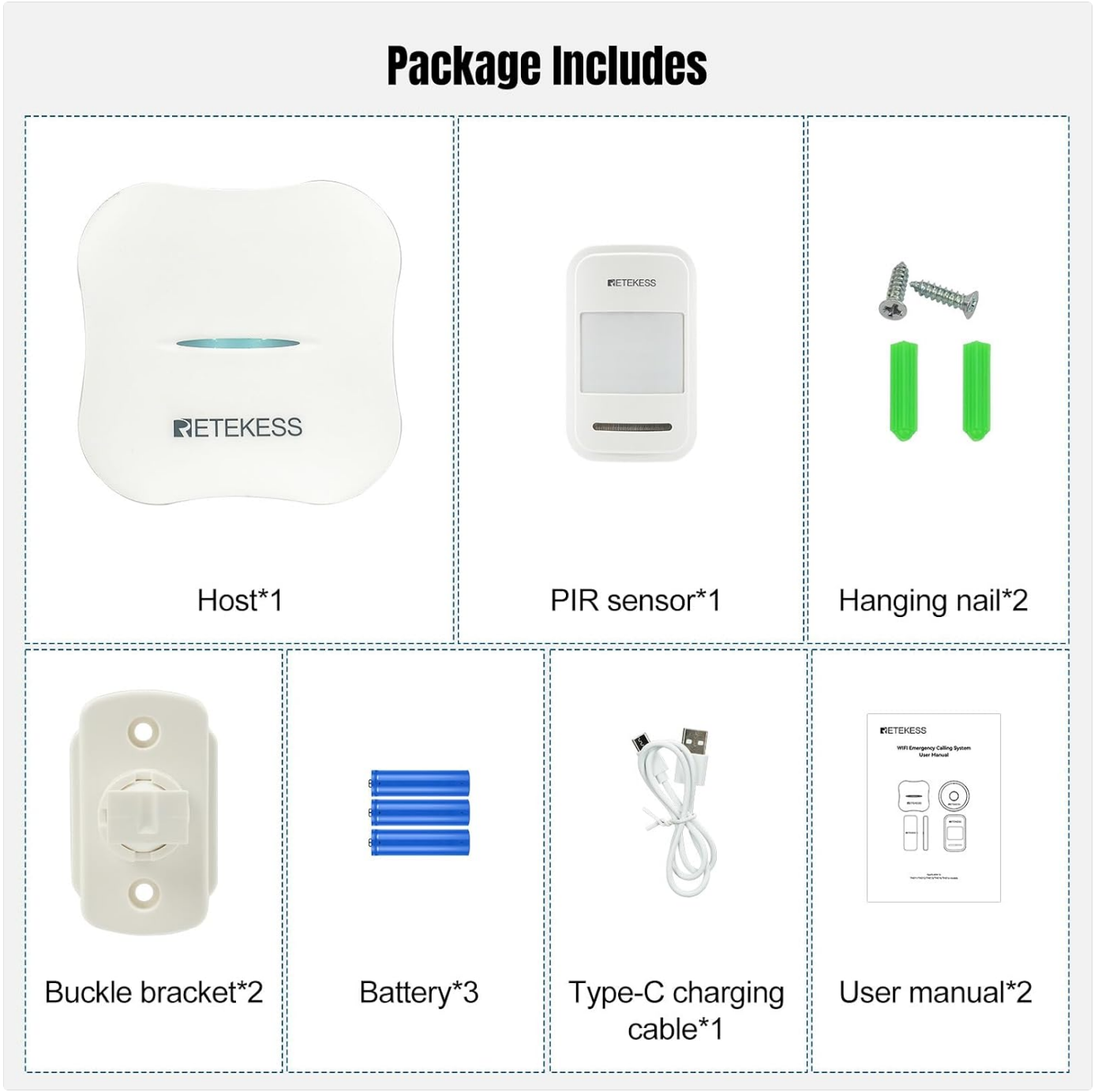


Image: All components included in the Retekess TH011 package.

3. Setup

3.1 Initial Setup

1. **Power the Host:** Connect the host (receiver) to a power source using the provided Type-C charging cable or insert the rechargeable battery.
2. **Install PIR Sensor Battery:** Open the PIR sensor and insert the included Lithium Ion battery.
3. **Mount the PIR Sensor:** Use the provided brackets and hanging nails to mount the PIR sensor in the desired location. The recommended installation height for the PIR sensor is 2 meters from the ground for optimal detection.



Image: Proper installation of the PIR motion sensor using the provided bracket.

3.2 Connecting to WiFi

To enable remote monitoring and app control, connect the system to your home WiFi network:

1. Download the designated mobile application (refer to the included user manual for app name and QR code).
2. Open the app and follow the on-screen instructions to add a new device.
3. Ensure your mobile phone is connected to the same 2.4GHz WiFi network you intend to connect the alarm system to.
4. Enter your WiFi network name and password into the app.
5. The system will attempt to connect. Once successful, the host indicator light will change, and the app will confirm the connection.

Video: Step-by-step guide on how to connect the Retekess TH011 system to your WiFi network.

4. Operating Instructions

4.1 Arming and Disarming

The system can be armed and disarmed via the mobile application:

- Open the app and navigate to the main control interface.
- Select 'Arm' to activate the motion detection. The host will indicate armed status.
- Select 'Disarm' to deactivate the motion detection. The host will indicate disarmed status.
- The system also supports 'Home' mode for partial arming and 'SOS' for immediate alerts.

Video: Demonstrates how to arm and disarm the Retekess TH011 system using the mobile application.

4.2 Adjusting Detection Interval (PIR Sensor)

The PIR sensor's detection interval can be adjusted to suit your needs:

1. Carefully open the PIR sensor casing.
2. Locate the internal switch labeled '1'.
3. Flip the switch '1' to the right side to set the detection interval to 5 seconds.
4. Flip the switch '1' to the ON side (left) for a normal working status with a 5-minute detection interval.
5. Close the sensor casing securely.

Video: Instructions on how to set the infrared detection interval for the PIR motion sensor.

4.3 Adjusting Host Volume and Ringtones

The host offers 32 selectable ringtones and 5 levels of volume adjustment:

1. On the host device, use the dedicated volume buttons to cycle through the 5 volume levels.
2. Use the ringtone selection button to choose from the 32 available ringtones.
3. Alternatively, these settings can be adjusted via the mobile application in the device settings menu.

Video: Guide on how to adjust the volume and select ringtones for the host unit.

4.4 LED Light Effect Switch (PIR Sensor)

You can control whether the LED light on the PIR sensor illuminates upon detection:

1. Open the PIR sensor casing.
2. Locate the internal switch labeled '2'.
3. Flip the switch '2' to the right side to disable the LED light (it will not light up when triggered).
4. Flip the switch '2' to the ON side (left) to enable the LED light (it will light up when triggered).
5. Close the sensor casing securely.

Video: Demonstrates how to enable or disable the LED light effect on the infrared detection sensor.

5. Maintenance

5.1 Battery Management

- The host unit uses a rechargeable Lithium-Ion battery. Ensure it is charged regularly using the provided Type-C cable.
- The PIR sensor uses a Lithium-Ion battery. Replace the battery when a low battery reminder is indicated by the

system or app.

- Always use the correct battery type as specified in the product specifications.

5.2 Cleaning

- Wipe the surfaces of the host and sensors with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or aerosol sprays, as these may damage the device.
- Keep the sensor lens clear of dust and debris to ensure accurate detection.

6. Troubleshooting

- **Device not connecting to WiFi:** Ensure your WiFi network is 2.4GHz. Verify the WiFi password entered in the app is correct. Restart both the host unit and your router, then try connecting again.
- **Sensor not triggering alarm:** Check the PIR sensor's battery level. Ensure the sensor is placed within the recommended detection zone and angle. Verify the detection interval setting is appropriate.
- **No sound from host:** Check the volume settings on the host unit or via the mobile app. Ensure the host is not in 'Mute' mode.
- **App notifications not received:** Check your phone's notification settings for the app. Ensure the app has necessary permissions and is running in the background. Verify the host unit is connected to WiFi.

7. Specifications

Feature	Specification
Brand	Retekess
Model Number	FF9654A-F9665A
Color	White
Power Source	Battery Powered (Host: Type-C charging, Sensor: Lithium-Ion battery)
Item Weight	0.68 Kilograms (1.5 pounds)
Maximum Range	100 Meters
Mounting Type	Wall Mount
Product Dimensions	0.75"D x 0.67"W x 0.4"H
Number of Batteries	1 Lithium Ion battery required (included)
Battery Cell Type	Lithium Ion

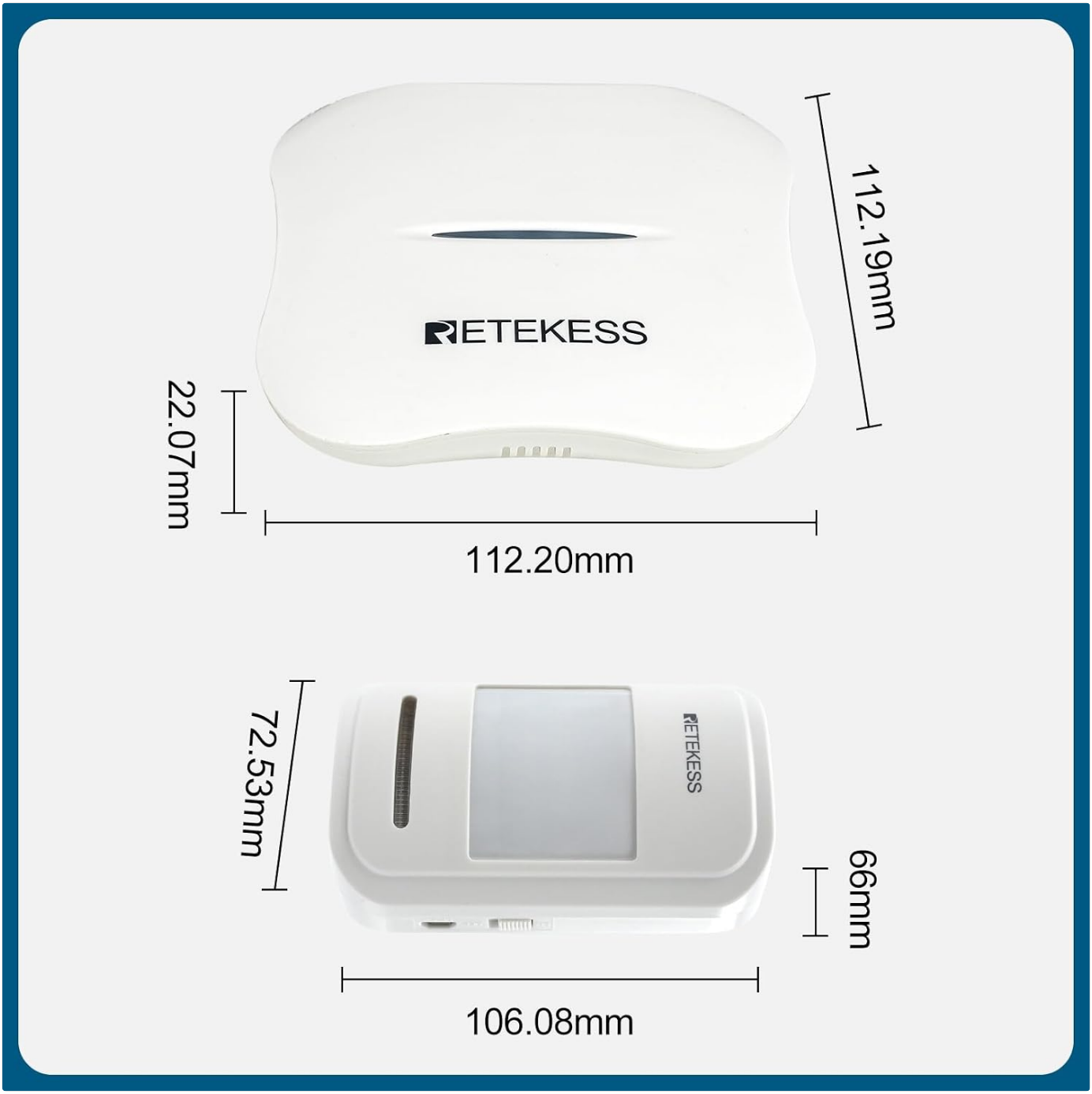


Image: Dimensions of the Retekess TH011 host and PIR sensor.

8. Warranty and Support

Retekess provides a 2-year warranty and a 30-day no-reason return policy. Beyond the warranty period, maintenance services are still offered, with buyers responsible for corresponding costs. For support, contact Retekess on Amazon; they aim to reply within 12 hours.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question