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› RISOON WiFi PIR Motion Sensor Instruction Manual

RISOON WIFI PIR

RISOON WiFi PIR Motion Sensor User Manual

Model: WIFI PIR

1. INTRODUCTION

The RISOON WiFi PIR Motion Sensor is an intelligent wireless device designed to enhance your home security. It detects movement within its coverage area and sends real-time notifications to your smartphone via the Smart Life or Tuya Smart app. This sensor operates wirelessly, powered by batteries, and integrates with smart home ecosystems like Alexa for automated scene control. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your motion sensor.



Image 1.1: The RISOON WiFi PIR Motion Sensor. This compact device is designed for discreet placement and effective motion detection.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- RISOON WiFi PIR Motion Sensor (WIFI PIR)
- 2 x AAA 1.5V Batteries (pre-installed or included)
- User Manual (this document)
- Mounting accessories (e.g., adhesive tape, screws)

3. SPECIFICATIONS

Product Name	WiFi PIR Motion Sensor
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Model Number	WIFI PIR
Brand	RISOON
Power Source	2 x AAA 1.5V Batteries
Battery Life	Approximately 6 months
Detection Angle	128°
Detection Range	Up to 6 meters (approx. 20 feet)
Wireless Connectivity	2.4 GHz Wi-Fi (IEEE 802.11 b/g/n)
Compatible Apps	Smart Life App, Tuya Smart App
Voice Control Compatibility	Alexa
Mounting Type	Tabletop or Wall Mount
Operating Temperature	10°C (Note: This may be a minimum value; typical operating ranges are broader.)
Dimensions (DxWxH)	20mm x 30mm x 70mm

4. SETUP INSTRUCTIONS

4.1 Initial Preparation

1. Ensure your Wi-Fi network is 2.4 GHz. The sensor does not support 5 GHz Wi-Fi.
2. Insert the included AAA batteries into the sensor, observing polarity.
3. Place the sensor in the desired location temporarily to test connectivity before final mounting.

4.2 App Download and Device Pairing

The RISOON WiFi PIR Motion Sensor connects directly to your 2.4GHz WiFi network without requiring a separate hub. Follow these steps to set up your device:

INSTANT PHONE NOTIFICATIONS



Motion detected

Get alerted the moment motion is detected.



Smartphone notification

Receive instant alerts on your phone.



REAL-TIME ALERTS

Stay informed. Stay secure.

Image 4.1: Visual guide for connecting the sensor to your home network and app.

1. **Download the App:** Search for "Smart Life" or "Tuya Smart" in your smartphone's app store (iOS or Android) and download the application.
2. **Register/Log In:** Open the app and register for a new account or log in if you already have one.
3. **Add Device:** Tap the "+" icon (usually in the top right corner) to add a new device. Select "Sensor" or "Security & Video Surveillance" and then choose "PIR Sensor" or "Motion Sensor (Wi-Fi)".
4. **Connect to Wi-Fi:** Follow the in-app instructions to connect the sensor to your 2.4 GHz Wi-Fi network. You may need to put the sensor into pairing mode (often by pressing a reset button for a few seconds until an indicator light flashes).
5. **Confirmation:** Once successfully connected, the app will confirm the device has been added. You can then rename the sensor for easier identification (e.g., "Living Room Motion Sensor").

4.3 Mounting the Sensor

The sensor can be placed on a flat surface or mounted to a wall. Consider the detection angle and range when choosing a location.

COVERS MORE AREA

Wide detection angle and long range keep your home protected.



128° Detection Angle

Wider coverage to detect more movement.



7m Detection Range

Longer range to keep your home secure.

Image 4.2: The sensor offers a 128° detection angle and a range of up to 7 meters (approximately 23 feet) for comprehensive coverage.

- **Optimal Placement:** Position the sensor in areas where motion is expected, such as hallways, entryways, or rooms. Avoid placing it directly facing windows or heat sources that could cause false alarms.
- **Height:** For best results, mount the sensor at a height of approximately 1.8 to 2.2 meters (6 to 7.2 feet) from the floor.
- **Mounting Options:** Use the provided adhesive tape for easy, non-permanent installation, or screws for a more secure fixture.

5. OPERATING INSTRUCTIONS

5.1 Real-time Monitoring and Notifications

Once connected, the sensor will continuously monitor for movement. When motion is detected, you will receive instant notifications on your smartphone.

INSTANT PHONE NOTIFICATIONS



Motion detected

Get alerted the moment motion is detected.



Smartphone notification

Receive instant alerts on your phone.



REAL-TIME ALERTS

Stay informed. Stay secure.



Image 5.1: Example of an instant phone notification received when motion is detected by the sensor.

- **App Alerts:** The Smart Life/Tuya Smart app will send push notifications to your phone whenever motion is detected, allowing you to monitor your home's security in real-time, whether you are home or away.
- **Activity Log:** The app maintains a history of all detected movements, which you can review at any time.

5.2 Smart Scene Linkage with Alexa

Leverage the smart capabilities of your sensor by creating automated scenes with other smart devices and Alexa.

PROTECT YOUR HOME 24/7



Front Door

Get alerted when motion is detected at your front door.



Hallway

Monitor high-traffic areas and get instant notifications.



Living Room

Keep your living spaces safe and secure at all times.



Instant Alerts

Receive real-time notifications on your phone.



No Hub Needed

Connects directly to your 2.4GHz WiFi network.



Smart Control

Works with Smart Life App for easy monitoring.



Enhanced Safety

Detects motion and helps protect what matters most.

Image 5.2: The sensor can be strategically placed in key areas such as the front door, hallway, or living room for comprehensive home protection.

- **Creating Scenes:** Within the Smart Life/Tuya Smart app, navigate to the "Smart" or "Scenes" section.
- **Trigger Conditions:** Set the motion sensor as a trigger. For example, "If [Sensor Name] detects motion...".
- **Action Devices:** Define the actions to be performed by other smart devices. Examples include:
 - Turn on smart lights when motion is detected in a dark room.
 - Activate a smart siren if motion is detected during specific hours (e.g., at night).
 - Send a custom notification or trigger a routine via Alexa.
- **Alexa Integration:** Ensure your Smart Life/Tuya Smart account is linked to your Alexa app. You can then use voice commands or Alexa routines to manage your sensor and linked devices.

5.3 Use Cases for Enhanced Safety

The RISOON WiFi PIR Motion Sensor can be used in various scenarios to protect your family and property.

KEEP YOUR FAMILY SAFE

Smart motion detection helps protect what matters most.



Child room

Get instant alerts when motion is detected in your child's room.



Elderly care

Monitor activity and get notified if help may be needed.



Instant Alerts

Receive real-time notifications on your phone.



Peace of Mind

Stay informed knowing your loved ones are protected.



No Hub Needed

Connects directly to your 2.4GHz WiFi network.



Smart Life App

Monitor and control anytime, anywhere with the Smart Life App.

Image 5.3: The sensor provides peace of mind by monitoring activity in sensitive areas like a child's room or for elderly care, sending alerts if unusual movement is detected.

- **Child Room Monitoring:** Receive alerts if a child leaves their room unexpectedly.
- **Elderly Care:** Monitor activity for elderly family members, providing alerts if there's a lack of movement or unexpected activity.
- **Garage/Storage Security:** Detect unauthorized entry into garages, sheds, or other storage areas.
- **Office/Commercial Spaces:** Secure sensitive areas or receive alerts for after-hours activity.

6. MAINTENANCE

6.1 Battery Replacement

The sensor is powered by 2 AAA 1.5V batteries, which typically last for about 6 months. The app will send a low voltage alert when the batteries need replacement.

1. When you receive a low battery notification, prepare two new AAA 1.5V batteries.
2. Carefully open the battery compartment on the sensor.
3. Remove the old batteries and insert the new ones, ensuring correct polarity (+/-).
4. Close the battery compartment securely. The sensor should automatically reconnect to your Wi-Fi network.

6.2 Cleaning

To ensure accurate detection, keep the sensor lens clean.

- Gently wipe the sensor's surface and lens with a soft, dry cloth.
- Do not use liquid cleaners or abrasive materials, as these can damage the sensor.

7. TROUBLESHOOTING

If you encounter issues with your RISOON WiFi PIR Motion Sensor, refer to the following common problems and solutions:

Problem	Solution
Sensor not connecting to Wi-Fi	<ul style="list-style-type: none">• Ensure your Wi-Fi network is 2.4 GHz.• Check that the Wi-Fi signal strength is adequate at the sensor's location.• Restart your Wi-Fi router.• Put the sensor back into pairing mode and try connecting again via the app.• Verify correct Wi-Fi password entry in the app.
No motion detection or delayed notifications	<ul style="list-style-type: none">• Check battery level in the app; replace if low.• Ensure the sensor lens is clean and unobstructed.• Verify the sensor's placement covers the desired area within its detection range and angle.• Check your phone's notification settings for the Smart Life/Tuya Smart app.• Ensure a stable internet connection for both the sensor and your smartphone.
False alarms	<ul style="list-style-type: none">• Avoid placing the sensor near heat sources (e.g., radiators, direct sunlight, air vents) or moving objects (e.g., curtains, pets).• Adjust the sensor's angle or sensitivity settings within the app if available.
App not responding	<ul style="list-style-type: none">• Close and reopen the app.• Check for app updates in your app store.• Ensure your smartphone has a stable internet connection.

8. WARRANTY AND SUPPORT

8.1 Product Warranty

RISOON offers a **12-month warranty** on the WiFi PIR Motion Sensor from the date of purchase. This warranty covers

manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact RISOON customer support through the retailer's platform where you purchased the product or refer to the contact information provided in your product packaging. Please have your purchase receipt and product model number (WIFI PIR) ready when contacting support.

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

Open the live page

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