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› SENCKIT WiFi PIR Motion Sensor User Manual

SENCKIT wifi pir 01

SENCKIT WiFi PIR Motion Sensor User Manual

Model: wifi pir 01

1. INTRODUCTION

Thank you for choosing the SENCKIT WiFi PIR Motion Sensor. This smart indoor motion detector is designed to enhance your home security and enable smart home automation. It connects directly to your 2.4GHz WiFi network, providing real-time alerts and monitoring through the "Tuya" or "Smart Life" application on your smartphone. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your device.

2. PRODUCT OVERVIEW

2.1 Package Contents

- SENCKIT WiFi PIR Motion Sensor
- 2 x AAA 1.5V Batteries
- 3M Adhesive Sticker
- User Manual
- Reset Pin Tool



Image: Contents of the SENCKIT WiFi PIR Motion Sensor package.

2.2 Device Components

- **PIR Lens:** Detects infrared radiation from moving objects.
- **LED Indicator:** Shows device status (e.g., pairing mode, motion detection).
- **Reset Button:** Used for pairing and resetting the device.

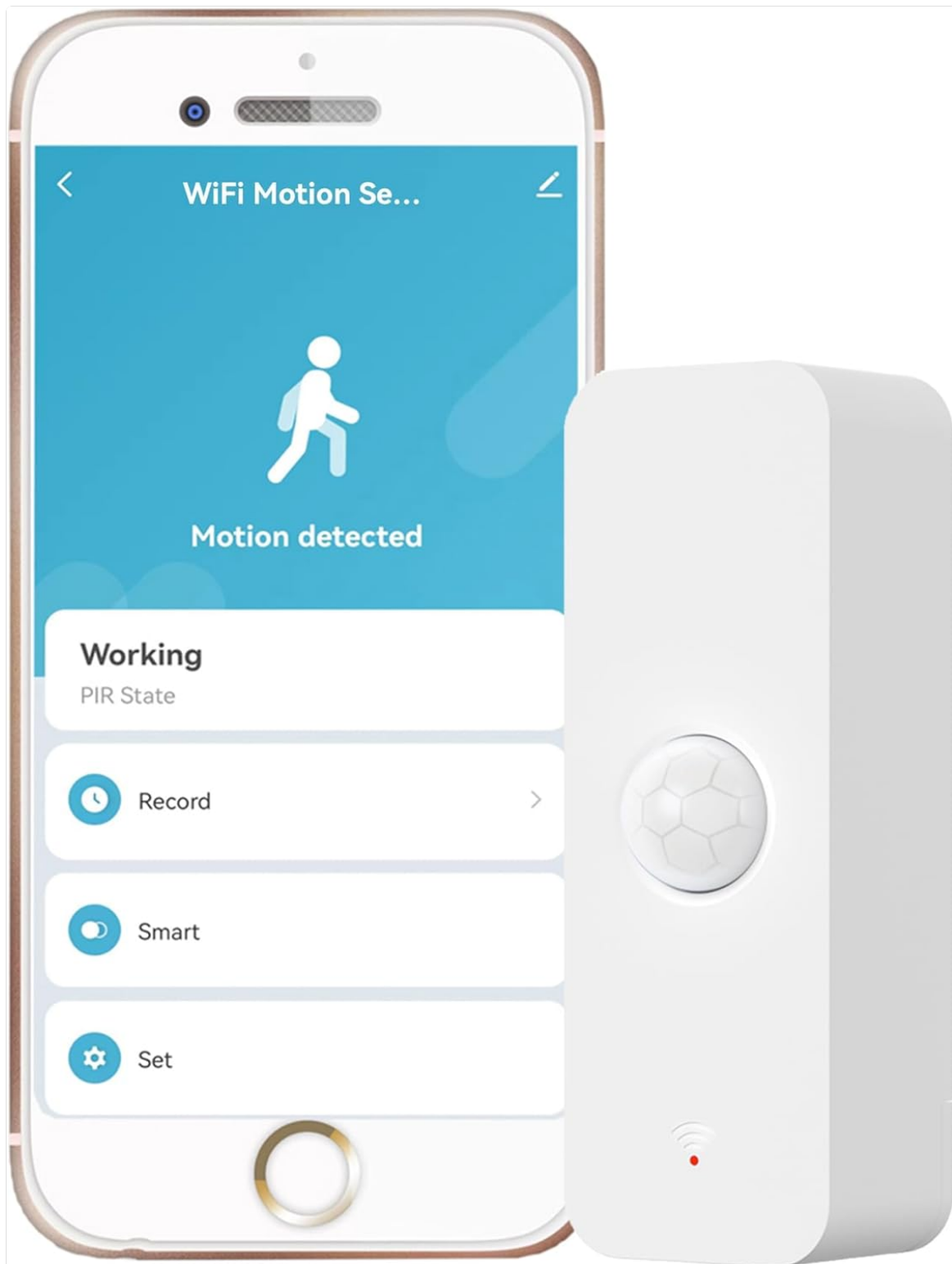


Image: The SENCKIT WiFi PIR Motion Sensor and its app interface.

3. SETUP

3.1 Battery Installation

1. Gently slide open the back cover of the motion sensor.

2. Insert the two included AAA 1.5V batteries, ensuring correct polarity (+/-).
3. Close the back cover securely. The LED indicator should flash, indicating it's ready for pairing.



Image: Proper insertion of AAA batteries into the sensor.

3.2 App Download and Pairing

1. Download the "Tuya Smart" or "Smart Life" app from your smartphone's app store (App Store for iOS, Google Play for Android).
2. Register or log in to your account.
3. Ensure your smartphone is connected to a **2.4GHz WiFi network**. The sensor does not support 5GHz WiFi.
4. Open the app, tap "Add Device" or the "+" icon.
5. Select "Security & Video Surveillance" > "Motion Sensor (Wi-Fi)".
6. Follow the in-app instructions to put the sensor into pairing mode (usually by pressing and holding the reset button with the pin tool until the LED flashes rapidly).
7. Confirm the LED is flashing rapidly in the app and enter your WiFi password.
8. The app will automatically search for and connect to the sensor. Once connected, you can rename the device.

Powerful Functions Satisfying your imagination



Infrared Detection



Mobile App
Real-time Control



Scene Mode
Intelligent Linkage



One-key Arm
Real-time Alarm



128° Wide-angle
Infrared Induction



Mount with Adhesive
Tape or Screws

Image: The motion sensor highlighting its compatibility with Tuya and Smart Life applications.

3.3 Mounting the Sensor

The sensor can be placed flat on a surface or mounted on a wall/column using the provided 3M adhesive sticker. For optimal detection, consider the following:

- **Placement:** Position the sensor in areas where motion detection is crucial, such as entryways, hallways, or rooms you wish to monitor.
- **Height:** For general human motion detection, mounting at waist height (approximately 3-6 feet from the floor) is often effective.
- **Detection Angle:** The sensor offers a 128° wide-angle infrared detection. Ensure the detection area is clear of obstructions.
- **Avoid Direct Sunlight/Heat Sources:** Do not place the sensor in direct sunlight or near heat sources (e.g., radiators, vents) as this can cause false alarms.

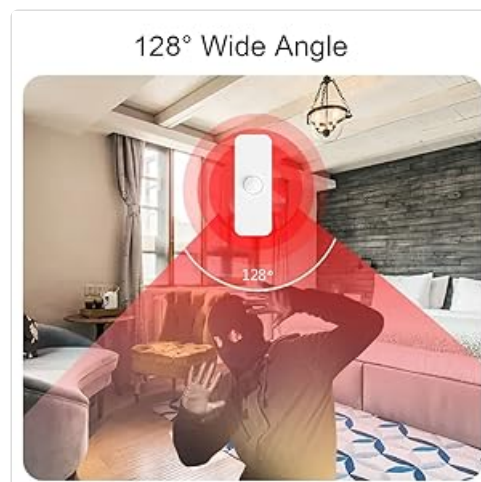


Image: Illustration of the sensor's 128-degree wide-angle detection capability.

4. OPERATING THE SENSOR

4.1 Real-time Monitoring and Alerts

Once connected, the SENCKIT Motion Sensor will continuously monitor its detection area. When motion is detected, it will instantly send an alert notification to your smartphone via the "Tuya Smart" or "Smart Life" app. This allows you to stay informed about activity in your home from anywhere.



Image: The mobile app interface displaying a motion detection alert.

4.2 Smart Home Automation

Leverage the full potential of your sensor by linking it with other Tuya/Smart Life compatible smart devices to create automated scenes. For example:

- **Automated Lighting:** Set up a scene to automatically turn on smart lights when motion is detected in a room.
- **Security Alarms:** Integrate with a smart siren to trigger an alarm when unexpected motion occurs.
- **Smart Curtains/TV:** Create routines to open curtains or turn on the TV upon entry.

Explore the "Smart" or "Automation" section within your app to configure these scenarios.

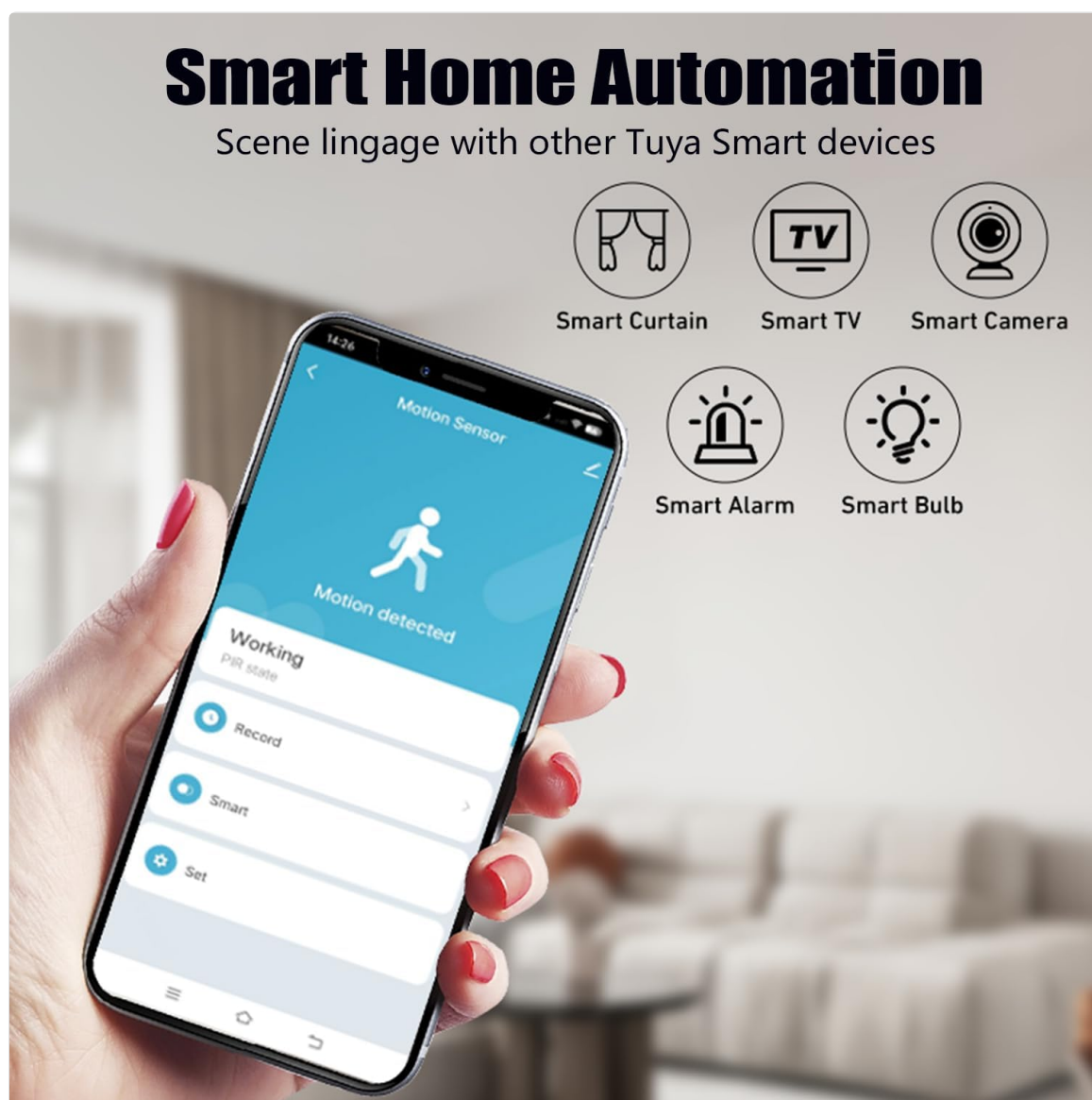


Image: Smart home automation features within the app, showing various device linkages.

4.3 History Records

The app maintains a history log of all detected motion events, allowing you to review past activities. This feature is useful for tracking patterns or investigating specific incidents.

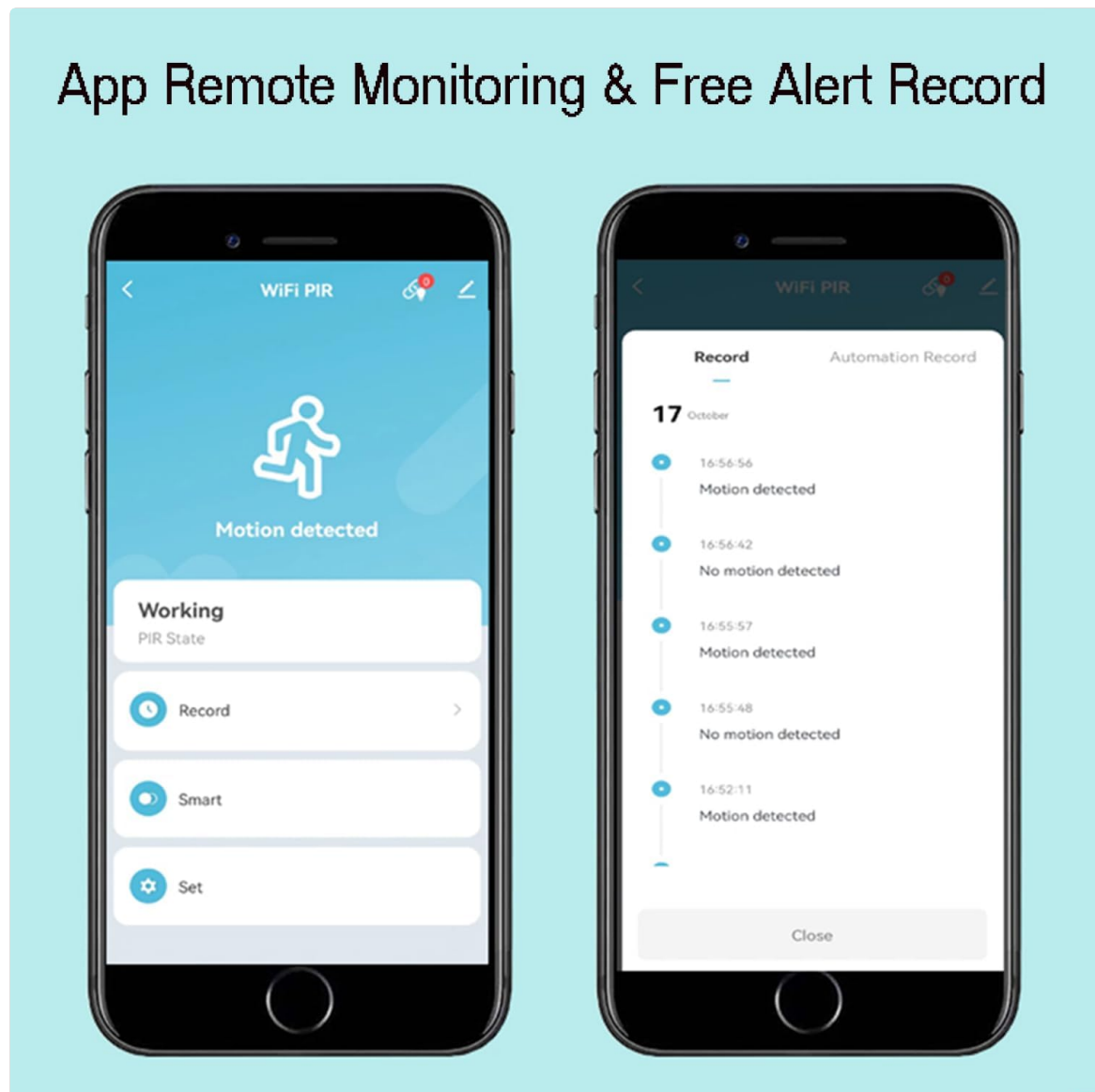


Image: App interface showing real-time monitoring and a log of past motion detection events.

5. MAINTENANCE

5.1 Battery Replacement

The sensor is powered by two AAA batteries, offering an ultra-long standby time of approximately 6 months. The app will send a low power warning notification to your smartphone when the battery level is low, reminding you to replace them.

1. When you receive a low battery alert, slide open the back cover of the sensor.
2. Remove the old AAA batteries.
3. Insert new AAA 1.5V alkaline batteries, observing correct polarity.
4. Close the back cover. The sensor will automatically reconnect to your WiFi network.



Image: The sensor's low power alarm feature, indicating battery status.

5.2 Cleaning

To ensure accurate detection, periodically clean the PIR lens with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these can damage the sensor.

6. TROUBLESHOOTING

Issue	Possible Cause	Solution
Sensor not connecting to WiFi	Incorrect WiFi band (5GHz), weak signal, incorrect password, sensor not in pairing mode.	Ensure your router is broadcasting a 2.4GHz WiFi signal. Move the sensor closer to the router. Double-check your WiFi password. Reset the sensor and re-enter pairing mode.
Frequent false alarms	Direct sunlight, heat sources, pets, drafts, high sensitivity setting.	Relocate the sensor away from direct sunlight, heat sources, or areas with frequent drafts. Adjust the sensitivity setting in the app if available. Consider pet-immune placement.

Issue	Possible Cause	Solution
No motion detected / Delayed detection	Obstructions in detection path, sensor placed too high/low, low battery, network latency.	Ensure a clear line of sight for the sensor. Adjust mounting height for optimal coverage. Replace batteries if low. Check your WiFi network's stability and speed.
Battery drains quickly	High frequency of motion detection, poor network signal requiring more power.	Optimize sensor placement to reduce unnecessary detections. Ensure a strong and stable WiFi connection to minimize power consumption. Use high-quality alkaline batteries.

7. SPECIFICATIONS

Feature	Detail
Brand	SENCKIT
Model Number	wifi pir 01
Power Source	Battery Powered (2 x AAA batteries included)
Wireless Connectivity	2.4 GHz WiFi (IEEE 802.11b/g/n)
Detection Technology	Dual-element Infrared (PIR)
Detection Angle	128° Wide Angle
Maximum Detection Range	7 Meters (approx. 23 feet)
Battery Life	Up to 6 months (typical usage)
Mounting Type	Wall Mount (with 3M adhesive)
Compatible Apps	Tuya Smart, Smart Life
Product Dimensions	2.76 x 1.18 x 0.98 inches
Item Weight	1.41 ounces
Operating Temperature	0°C (32°F)

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The SENCKIT WiFi PIR Motion Sensor comes with a **24-month warranty** from the date of purchase, covering manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please refer to the contact information provided on the product packaging or the official SENCKIT website. You may also find additional support resources and FAQs within the "Tuya Smart" or "Smart Life" application.