

PHOVOLT PH-P01

PHOVOLT WiFi Motion Sensor User Manual

Model: PH-P01

1. INTRODUCTION

The PHOVOLT WiFi Motion Sensor is a smart device designed to enhance home security and automation. It provides real-time motion detection and integrates with smart home ecosystems to create automated routines and alerts. This manual provides detailed instructions for setting up, operating, and maintaining your motion sensor.

2. PRODUCT OVERVIEW

The PHOVOLT WiFi Motion Sensor is a compact and discreet device that uses passive infrared (PIR) technology to detect movement. It connects directly to your 2.4 GHz Wi-Fi network, eliminating the need for a separate gateway. Key features include:

- **Direct Wi-Fi Connectivity:** Connects to your 2.4 GHz Wi-Fi network without a hub.
- **Smart Home Compatibility:** Works with Alexa, Tuya Smart, and Smart Life APP for seamless integration. *Note: Not compatible with Smartthings, IFTTT, Homekit, or Home Assistant.*
- **Custom Routines:** Create personalized routines via the Alexa app for automated actions like turning lights on/off or sending messages.
- **Real-time Alerts:** Receive instant notifications on your mobile app when motion is detected.
- **Wide Detection Range:** Detects motion up to 8 meters away with a 128-degree detection angle.
- **Battery Powered:** Operates on 2 AAA batteries for flexible placement.

WiFi Smart Motion Sensor

Well protect your home security.

alex^a WORKS WITH
Amazon Alexa



alert
notification



app remote
monitor



creat
smart scenes



support voice
assisstant



compact
design



2.4 GHz
WiFi



Figure 2.1: The PHOVOLT WiFi Smart Motion Sensor highlighting its features such as alert notifications, app remote monitoring, smart scene creation, voice assistant support, compact design, and 2.4 GHz WiFi connectivity.

3. SAFETY INFORMATION

Please read and follow these safety guidelines to ensure safe operation and prevent damage to the device:

- Do not expose the device to extreme temperatures, direct sunlight, or moisture.
- Use only specified AAA alkaline batteries. Ensure correct polarity when inserting batteries.
- Keep the device out of reach of children and pets.
- Do not attempt to disassemble or repair the device yourself. Contact support if issues arise.
- Avoid placing the sensor near heat sources or in areas with strong air currents, as this may cause false detections.

4. PACKAGE CONTENTS

Your PHOVOLT WiFi Motion Sensor package should contain the following items:

- 1 x PHOVOLT WiFi Motion Sensor (Model: PH-P01)

- 1 x User Manual
- 2 x AAA Alkaline Batteries (may be pre-installed or included separately)

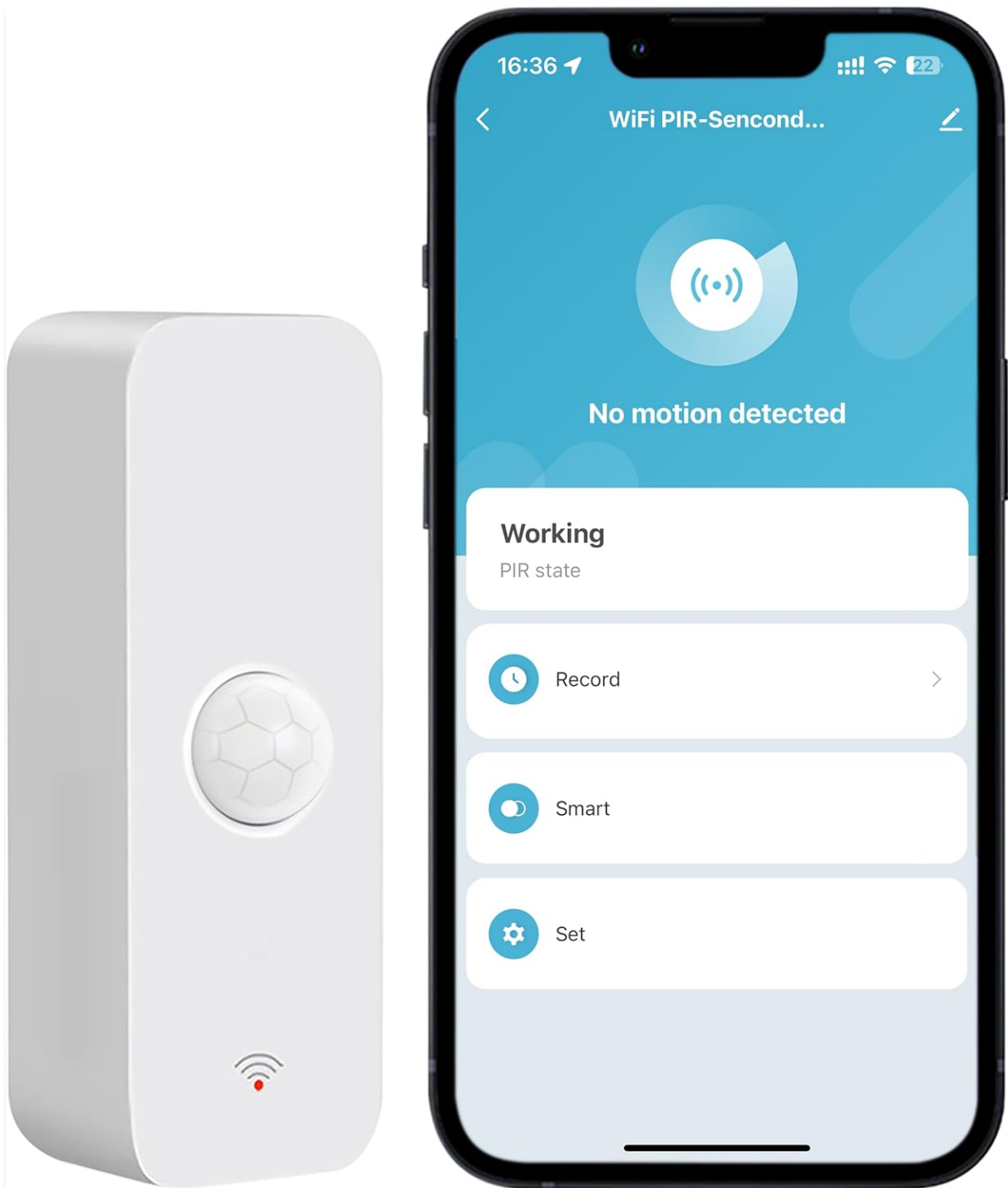


Figure 4.1: The PHOVOLT WiFi Motion Sensor shown alongside a smartphone displaying its companion application interface, indicating its smart functionality.

5. SETUP

5.1 Battery Installation

1. Gently open the back cover of the motion sensor.
2. Insert two AAA alkaline batteries, ensuring the correct positive (+) and negative (-) polarity.
3. Close the back cover securely.

5.2 App Download and Account Creation

1. Download the 'Tuya Smart' or 'Smart Life' app from your smartphone's app store (iOS or Android).
2. Register for a new account or log in if you already have one.

5.3 Device Pairing

Ensure your smartphone is connected to a 2.4 GHz Wi-Fi network. The sensor does not support 5 GHz Wi-Fi.

1. Open the Tuya Smart or Smart Life app.
2. Tap the '+' icon in the top right corner to add a device.
3. Select 'Security & Video Surveillance' > 'Motion Sensor (Wi-Fi)'.
4. Follow the on-screen instructions to put the sensor into pairing mode (usually involves pressing and holding a button on the sensor until an indicator light flashes).
5. Enter your 2.4 GHz Wi-Fi network password when prompted.
6. Wait for the app to discover and connect to the device. Once connected, you can rename the sensor.

5.4 Placement and Mounting

The PHOVOLT WiFi Motion Sensor is designed for wall mounting. Consider the following for optimal performance:

- Place the sensor in an area where motion detection is desired, such as hallways, entryways, or rooms.
- Mount it at a height that allows for maximum coverage of the detection area (up to 8 meters, 128-degree angle).
- Avoid direct line of sight with windows or heat sources that could cause false triggers.



Figure 5.1: Illustration of the PHOVOLT Motion Sensor's high sensitivity, demonstrating its 6-meter detection distance and 128-degree detection range in an outdoor setting.

6. OPERATING INSTRUCTIONS

6.1 Motion Detection and Alerts

Once set up, the sensor will continuously monitor for motion within its detection range. When motion is detected:

- The sensor will send an immediate notification to your linked Tuya Smart or Smart Life app.
- You can view a history of detected movements within the app.

APP Remote Monitor

You will receive an App alert notification when it detects any movements.

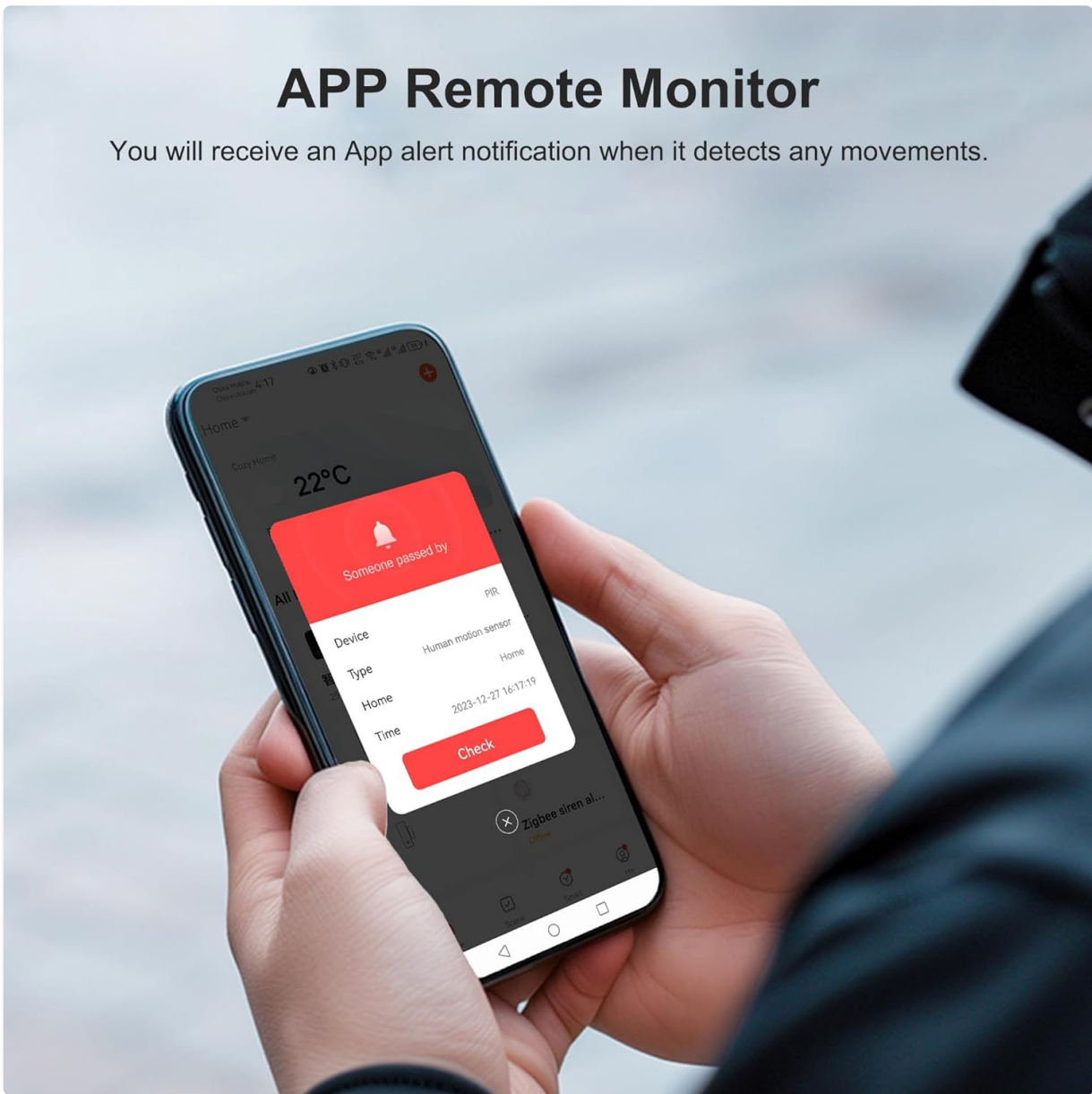


Figure 6.1: A smartphone screen showing an 'APP Remote Monitor' alert, indicating that motion has been detected by the sensor.

6.2 Smart Home Automation with Alexa

Integrate your PHOVOLT Motion Sensor with Amazon Alexa to create powerful automation routines:

1. Ensure your Tuya Smart or Smart Life account is linked to your Alexa app.
2. In the Alexa app, navigate to 'Routines'.
3. Create a new routine and select 'When this happens' > 'Smart Home' > choose your PHOVOLT Motion Sensor.
4. Select 'Motion Detected'.
5. Under 'Add action', choose what you want Alexa to do (e.g., turn on smart lights, play a message, activate a smart plug).

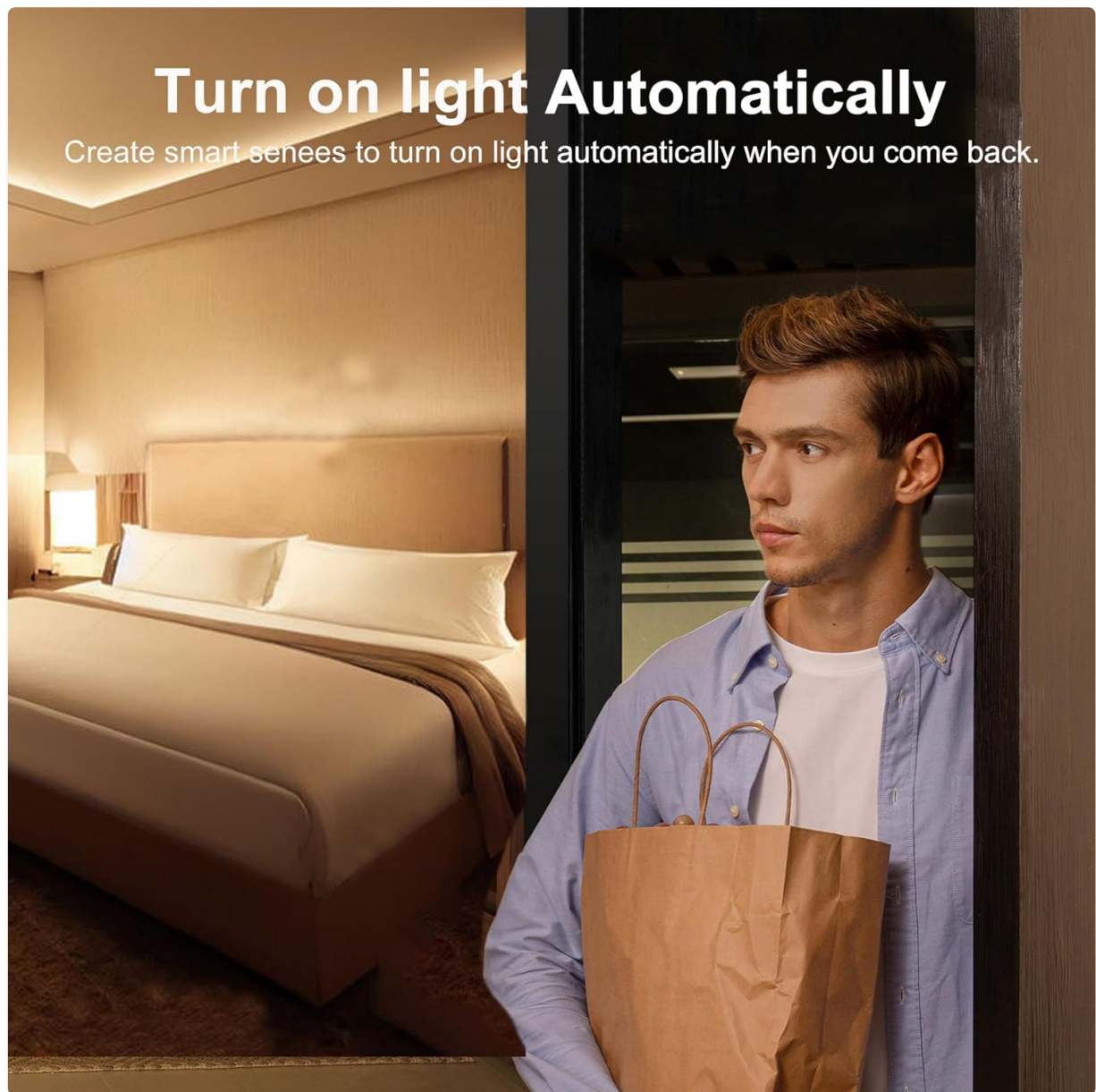


Figure 6.2: An illustration of smart home automation where lights automatically turn on as a person enters a room, triggered by the motion sensor.

6.3 Security Monitoring

The sensor can act as a first line of defense for your home security. When armed, any detected movement will trigger an alert, allowing you to monitor your property remotely.

Protect Your Home Security

Your first line of defence. Any movements will be detected.



Figure 6.3: The motion sensor actively protecting home security by detecting movement of an individual approaching the entrance of a house.

7. MAINTENANCE

7.1 Battery Replacement

When the battery level is low, the app will notify you. Replace the two AAA alkaline batteries as described in Section 5.1. Using fresh batteries ensures optimal performance and connectivity.

7.2 Cleaning

To maintain accurate detection, periodically clean the sensor lens with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Device fails to connect to Wi-Fi.	Incorrect Wi-Fi band (5 GHz), weak signal, incorrect password.	Ensure your router is broadcasting a 2.4 GHz network. Move the sensor closer to the router. Double-check your Wi-Fi password. Try re-pairing the device.
Delayed alerts or automation.	Network latency, app settings, sensor placement.	Check your internet connection speed. Ensure the app has necessary permissions. Adjust sensor placement for optimal signal. Note that a slight delay (2-5 seconds) can be normal for cloud-based smart devices.
Frequent false alarms.	Heat sources, strong air currents, direct sunlight, pets.	Relocate the sensor away from windows, vents, heaters, or areas where pets frequently move.
Short battery life.	Frequent detections, low-quality batteries.	Ensure you are using high-quality alkaline AAA batteries. Reduce the frequency of detections if possible through app settings (if available).
Sensor not detecting motion.	Low battery, obstructed view, incorrect placement.	Replace batteries. Ensure the sensor's view is unobstructed. Adjust placement to cover the desired area.

9. SPECIFICATIONS

Feature	Detail
Brand	PHOVOLT
Model Number	PH-P01
Power Source	Battery Powered (2 x AAA Alkaline)
Maximum Detection Range	8 Meters
Detection Angle	128 Degrees
Mounting Type	Wall Mount
Connectivity	2.4 GHz Wi-Fi
Compatible Devices	Alexa, Tuya Smart, Smart Life APP
Product Dimensions	1.7"D x 1.1"W x 1"H (approx.)
Item Weight	1.76 ounces (approx.)
Included Components	WiFi Motion Sensor

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official PHOVOLT store on Amazon: [PHOVOLT Amazon Store](#). You may also contact the seller, PHOVOLT Direct, for assistance.