

## Gaoducash P08-WIFI

# Gaoducash P08-WIFI Smart Motion Sensor User Manual

Model: P08-WIFI

## 1. INTRODUCTION

---

The Gaoducash P08-WIFI Smart Motion Sensor is a wireless Passive Infrared (PIR) motion detector designed to enhance home security and enable smart home automation. This device detects movement within its field of view and sends real-time notifications to your smartphone via compatible applications. It integrates with smart home ecosystems like Alexa and Tuya Smart for advanced control and automation.

## 2. PRODUCT OVERVIEW

---

### 2.1 Components

- Smart Motion Sensor Unit
- User Manual
- AAA Batteries (pre-installed with insulation strip)
- Adhesive Backing
- Mounting Screws

### 2.2 Key Features

- **Wireless PIR Motion Detection:** Detects human movement with a 7-meter range and 128° viewing angle.
- **Smart WiFi Control:** Compatible with Smart Life and Tuya Smart apps for remote monitoring and control.
- **Real-time App Notifications:** Receive instant alerts on your smartphone when motion is detected.
- **Smart Home Automation:** Link with other Tuya intelligent devices (e.g., smart bulbs, plugs, siren alarms) to create automated scenes.
- **Alexa Voice Assistant Support:** Integrate with Alexa for voice commands and custom routines.
- **Multiple Installation Methods:** Supports flat placement, hanging, or wall mounting with adhesive or screws.
- **Low Power Consumption:** Operates on 2x AAA alkaline batteries with up to 12 months of battery life.
- **Low Battery Alarm:** Receive app notifications when battery levels are low.

# Mobile App Remote Monitor

Monitor the security of your home through mobile App  
you can also monitor your home anytime even  
when you are outside, making you go out with confidence!



Image 2.1: The Gaoducash P08-WIFI Smart Motion Sensor unit.

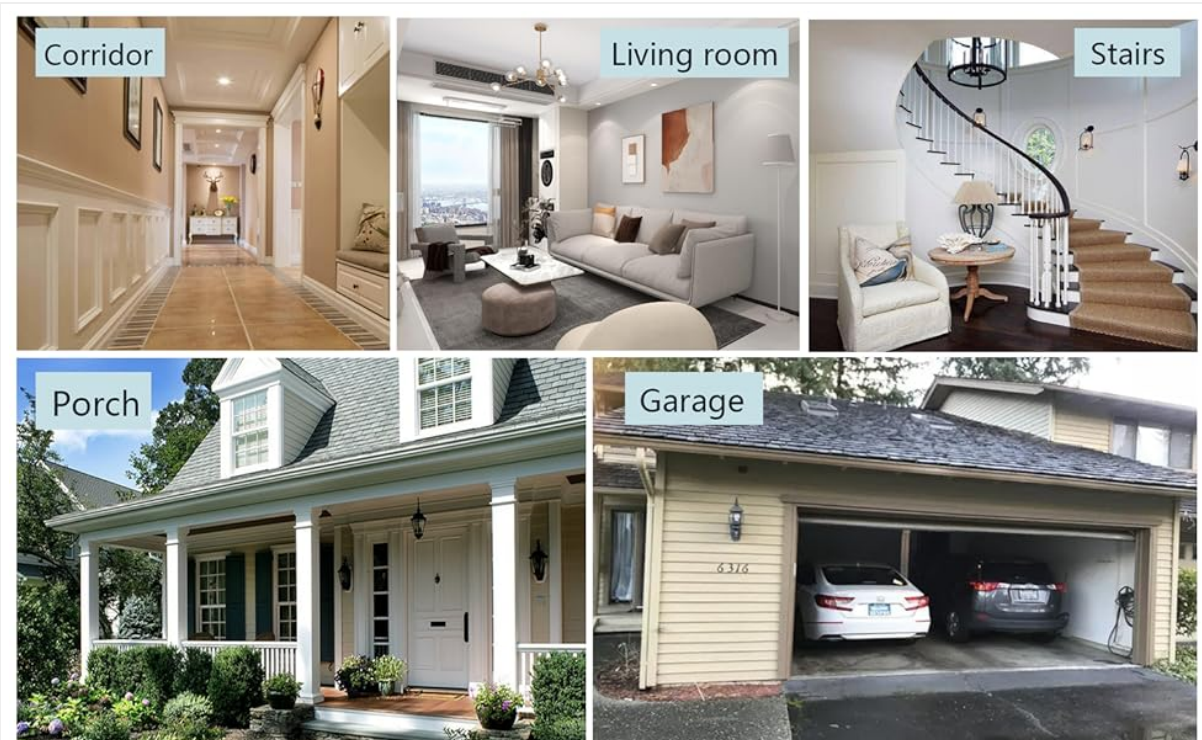


Image 2.2: Overview of the WiFi Motion Sensor's key features including infrared detection, mobile app control, scene mode, intelligent linkage, real-time alarm, wide-angle induction, and low-power consumption.

### 3. SETUP

#### 3.1 Initial Battery Activation

1. Locate the battery compartment on the sensor.
2. Remove the insulation strip from the pre-installed AAA batteries. This activates the sensor.
3. Close the battery compartment securely.

#### 3.2 App Download

Download the **Smart Life** app or **Tuya Smart** app from your mobile device's app store (Google Play Store for Android or Apple App Store for iOS).

### 4. APP INSTALLATION & PAIRING

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

1. Open the **Smart Life** or **Tuya Smart** app and register/log in to your account.
2. Tap the "+" icon in the top right corner to add a new device.
3. Select "Security & Video Surveillance" > "Motion Sensor (Wi-Fi)" or search for "Motion Sensor".
4. Follow the in-app instructions to put the sensor into pairing mode. This usually involves pressing and holding a button on the sensor until an indicator light flashes.
5. Confirm the indicator light is flashing rapidly in the app.
6. Enter your 2.4GHz Wi-Fi network password.
7. Wait for the app to connect to the device. Once connected, you can rename the sensor and complete the setup.



Image 4.1: Screenshots of the mobile app interface showing motion detection status, alarm details, and historical records.

## 5. OPERATION

### 5.1 Motion Detection

The sensor uses infrared technology to detect movement within its 7-meter range and 128° wide-angle view. When motion is detected, the sensor triggers an event.



Image 5.1: Diagram illustrating the 128° horizontal and vertical wide-angle infrared detection, with a detection distance of up to 7 meters.

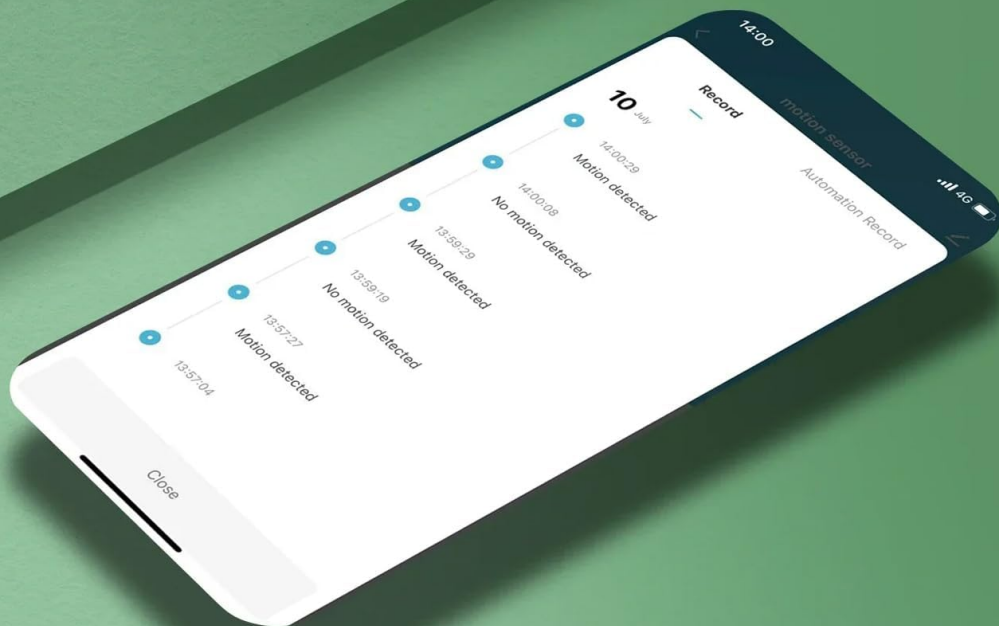
### 5.2 App Notifications

Upon detection of motion, the app will send an alert notification to your smartphone. Ensure app notifications are enabled in your phone's settings for the Smart Life or Tuya Smart app.

### 5.3 History Records

The app maintains a history of all detected motion events, allowing you to review activity logs at any time. This feature helps monitor security even when you are away.

# Check History Records



WORK WITH  
Tuya Smart



WORKS WITH  
Smart life



Compatible with  
Alexa



Image 5.2: A smartphone screen displaying the motion sensor's history records, showing timestamps of motion detected and no motion detected events.

## 6. SMART HOME INTEGRATION

### 6.1 Tuya Smart Automation

The motion sensor can be used to trigger other Tuya-compatible smart devices. For example, you can set up an automation where motion detection in a hallway automatically turns on a smart light bulb.

- In the Smart Life/Tuya Smart app, navigate to the "Smart" or "Automation" section.
- Create a new automation.
- Set the condition as "When device status changes" for your motion sensor, specifically "Motion detected".
- Set the action to control another smart device (e.g., turn on a smart plug, activate a siren alarm).

# Intelligent Linkage Function

Work with Light Help Save Energy  
Work with Curtain Protect Safety and Privacy  
Work with Siren Alarm Guard Against Burglary



Image 6.1: Visual representation of the intelligent linkage function, showing how the Smart PIR Sensor can work with IR Remote Control, Smart Curtains, Smart Alarm, Smart Camera, and Smart Bulb to create an integrated smart home system.

## 6.2 Alexa Voice Assistant Integration

Integrate your motion sensor with Amazon Alexa for voice control and custom routines.

1. Ensure your motion sensor is successfully added to the Smart Life/Tuya Smart app.
2. Open the Amazon Alexa app.
3. Go to "Skills & Games" and search for "Smart Life" or "Tuya Smart".
4. Enable the skill and link your Smart Life/Tuya Smart account using your app credentials.
5. Discover devices. Alexa should find your motion sensor.
6. You can now create Alexa routines based on motion detection (e.g., "When motion is detected by [Sensor Name], then [Action]").

## 7. INSTALLATION METHODS

The compact design of the motion sensor allows for flexible installation in various locations.

- **Laying Flat:** Place the sensor on any flat surface, such as a table or shelf.

- **Hanging:** Use the integrated lanyard loop to hang the sensor.
- **Wall Mounting:** Attach the sensor to a wall or other vertical surface using the provided adhesive backing or screws. Ensure the sensor is positioned to cover the desired detection area.



Image 7.1: Demonstrates three installation methods: pasting on the wall, hanging with a lanyard, and placing on a table.

## 8. MAINTENANCE

### 8.1 Battery Replacement

The sensor is powered by 2x AAA alkaline batteries. The typical battery life is up to 12 months, depending on usage.

1. When the app indicates a low battery, replace both AAA batteries.
2. Open the battery compartment.
3. Remove the old batteries and insert new AAA alkaline batteries, ensuring correct polarity.
4. Close the battery compartment securely.

### 8.2 Low Battery Alarm

The sensor will send a low battery alert message via the app when the power level is low, prompting you to replace the batteries.

# Low-power consumption low-battery alarm

It is power supplied by 2\*AAA alkaline batteries,  
and when the power level is low, it will push alert message via app

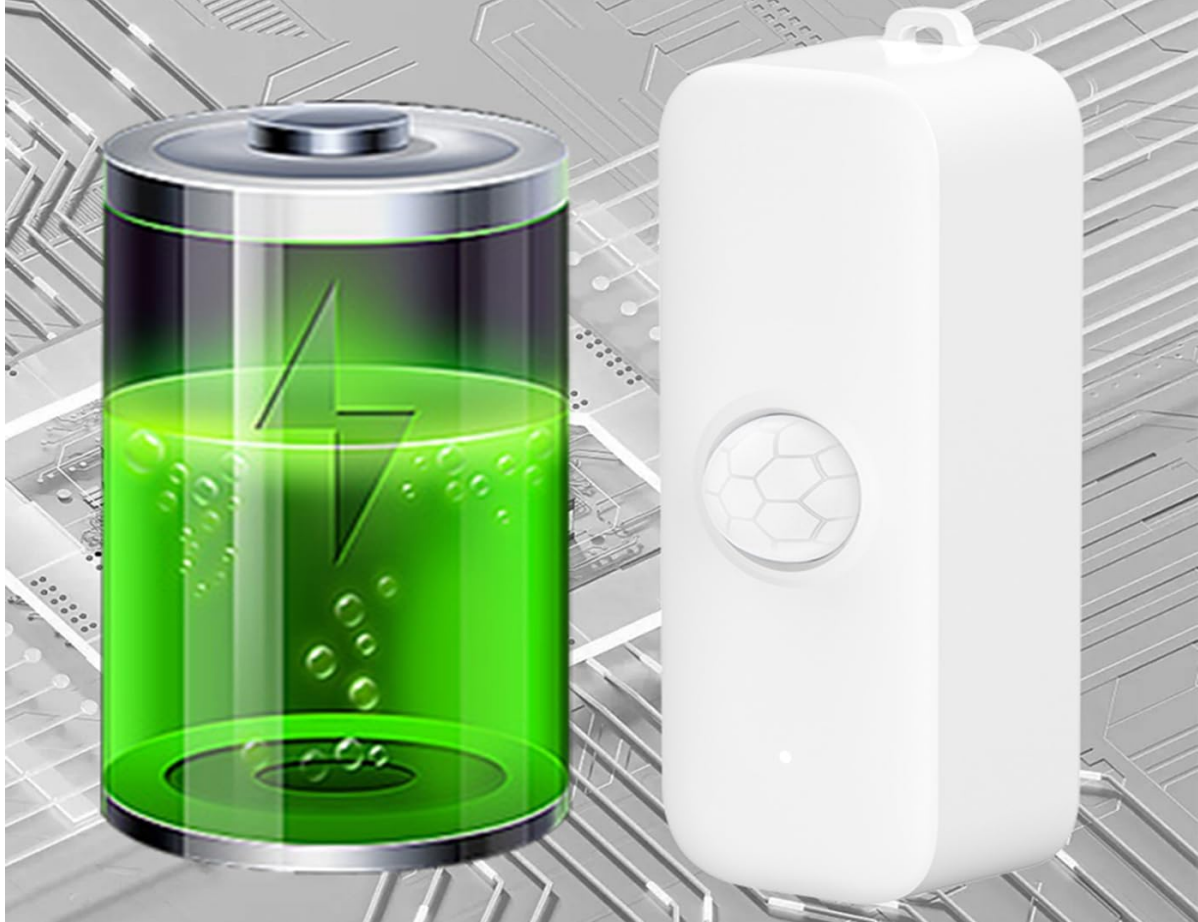


Image 8.1: Illustration showing the motion sensor next to a battery icon, indicating low power consumption and a low-battery alarm feature.

## 9. TROUBLESHOOTING

- **Sensor not connecting to Wi-Fi:** Ensure your router is broadcasting a 2.4GHz Wi-Fi signal. The sensor does not support 5GHz networks. Verify your Wi-Fi password is correct. Move the sensor closer to the router during pairing.
- **No app notifications:** Check your phone's notification settings for the Smart Life/Tuya Smart app to ensure they are enabled. Verify the sensor is online in the app.
- **Motion not detected or false alarms:** Adjust the sensor's placement to optimize its field of view. Avoid placing it near heat sources, direct sunlight, or areas with significant air currents (e.g., near vents) that could cause false triggers. Ensure the detection range is appropriate for the area.
- **Short battery life:** Ensure you are using fresh, high-quality AAA alkaline batteries. Frequent motion detection events can reduce battery life.
- **Alexa integration issues:** Confirm the Smart Life/Tuya Smart skill is enabled in the Alexa app and your accounts are correctly linked. Try rediscovering devices in the Alexa app.

## 10. SPECIFICATIONS

<b>Model Number</b>	P08-WIFI
<b>Brand</b>	Gaoducash
<b>Power Source</b>	Battery Powered (2x AAA Alkaline)
<b>Battery Life</b>	Up to 12 months
<b>Detection Range</b>	Up to 7 meters (20 feet)
<b>Viewing Angle</b>	128 degrees
<b>Wireless Connectivity</b>	Wi-Fi (2.4GHz only)
<b>Compatible Apps</b>	Smart Life, Tuya Smart
<b>Compatible Devices</b>	Smart Bulb, Smart Plug, Siren Alarm (via Tuya Smart)
<b>Dimensions</b>	0.98"D x 1.17"W x 2.74"H
<b>Item Weight</b>	1.76 ounces (0.05 Kilograms)
<b>Operating Temperature</b>	32 Degrees Fahrenheit (0 Degrees Celsius)

## 11. WARRANTY AND SUPPORT

For technical support, troubleshooting assistance, or warranty inquiries, please contact Gaoducash customer service through the retailer's platform or the contact information provided with your purchase. Please have your model number (P08-WIFI) and purchase details ready when contacting support.