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Gaoducash P06

Gaoducash WiFi Smart Motion Sensor P06 User Manual

Model: P06

1. INTRODUCTION

The Gaoducash P06 WiFi Smart Motion Sensor is an indoor Passive Infrared (PIR) motion detector designed to enhance home security and automation. It provides real-time alerts via the Tuya Smart or Smart Life application and supports dual power supply options (USB or battery). This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting.

2. SAFETY INFORMATION

- Do not expose the device to extreme temperatures, humidity, or direct sunlight.
- Keep the device away from water and other liquids.
- Do not attempt to disassemble or repair the device yourself. Contact support if needed.
- Use only specified batteries (2x AA) or a compatible USB power adapter (1.5V).
- Ensure proper battery polarity when inserting batteries.

3. PACKAGE CONTENTS

- Gaoducash P06 WiFi Smart Motion Sensor
- USB Cable
- 2 x AA Batteries
- Mounting Bracket and Screws
- User Manual (this document)

4. PRODUCT OVERVIEW

The Gaoducash P06 motion sensor features a compact design with essential components for effective motion detection and smart home integration.

BATTERY / USB POWER SUPPLY, 2 WAYS TO SUPPLY POWER

The power supply can be selected according to the actual situation which not only saves energy but also provides good detection



Figure 4.1: Product dimensions and component identification. The image displays the front, side, and bottom views of the sensor, highlighting the indicator light, USB interface, reset button, battery compartment, and base.

Figure 4.2: Overview of the PIR motion sensor, detailing features such as APP real-time control, infrared sensor, intelligent linkage, abnormal alarm, 128° wide angle, 360° rotation, 2.4GHz transmission, and easy installation.

5. SETUP

5.1 Power Supply

The sensor supports two power supply methods: battery or USB.

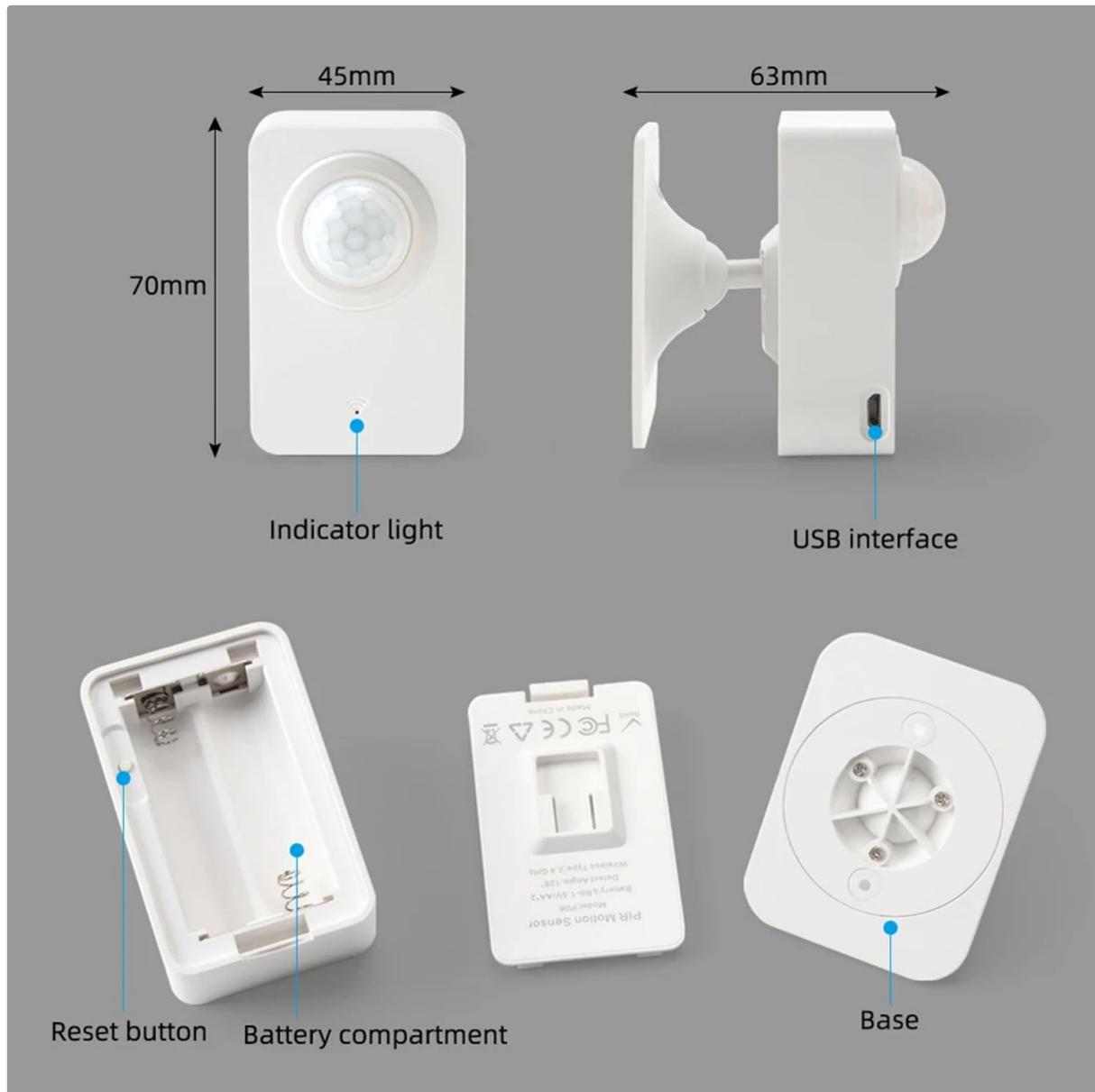


Figure 5.1: The motion sensor can be powered by two AA batteries or via a USB cable. Batteries are included.

1. **Battery Powered:** Open the back cover and insert two AA batteries, ensuring correct polarity. The battery life is approximately 6 months under normal usage. An app notification will be sent when the battery is low.
2. **USB Powered:** Connect the provided USB cable to the sensor's USB interface and plug it into a 1.5V USB power adapter (not included). This method is recommended for locations with frequent motion detection to ensure continuous operation.

5.2 App Installation and Device Pairing

The Gaoducash P06 sensor works with the Tuya Smart or Smart Life app.

1. Download the **Tuya Smart** or **Smart Life** app from your mobile device's app store.
2. Register or log in to your account.
3. Ensure your mobile device is connected to a 2.4GHz Wi-Fi network. The sensor does not support 5GHz Wi-Fi.
4. Open the app, tap the "+" icon (or "Add Device") to add a new device.
5. Select "Motion Sensor" from the device list.
6. Follow the in-app instructions to put the sensor into pairing mode (usually by pressing and holding the reset button until the indicator light flashes).
7. Enter your Wi-Fi network details when prompted.

- Once successfully paired, the device will appear in your app.

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Video 5.1: This video demonstrates the process of installing batteries, pairing the motion sensor with the Smart Life app, and adjusting its mounting angle. It shows the sensor being powered by batteries, then connected to the app, and finally how to attach it to its rotating base.

5.3 Installation and Mounting

The sensor offers flexible installation options.



Figure 5.2: The WiFi PIR Motion Sensor features infrared induction, intelligent linkage, abnormality alarm, 360° manual rotation, and can be mounted without complex tools.

- Placement:** The sensor can be placed flat on a desktop or installed on a wall.
- Mounting:** Use the provided bracket and screws to mount the sensor to a wall. The sensor comes with a 360° rotating base, allowing you to easily adjust the detection angle after installation.
- Detection Area:** The sensor has a 128° detection angle and a detection distance of up to 10 meters. Position it to cover the desired area without obstructions.

128° WIDE-ANGLE INFRARED DETECTION

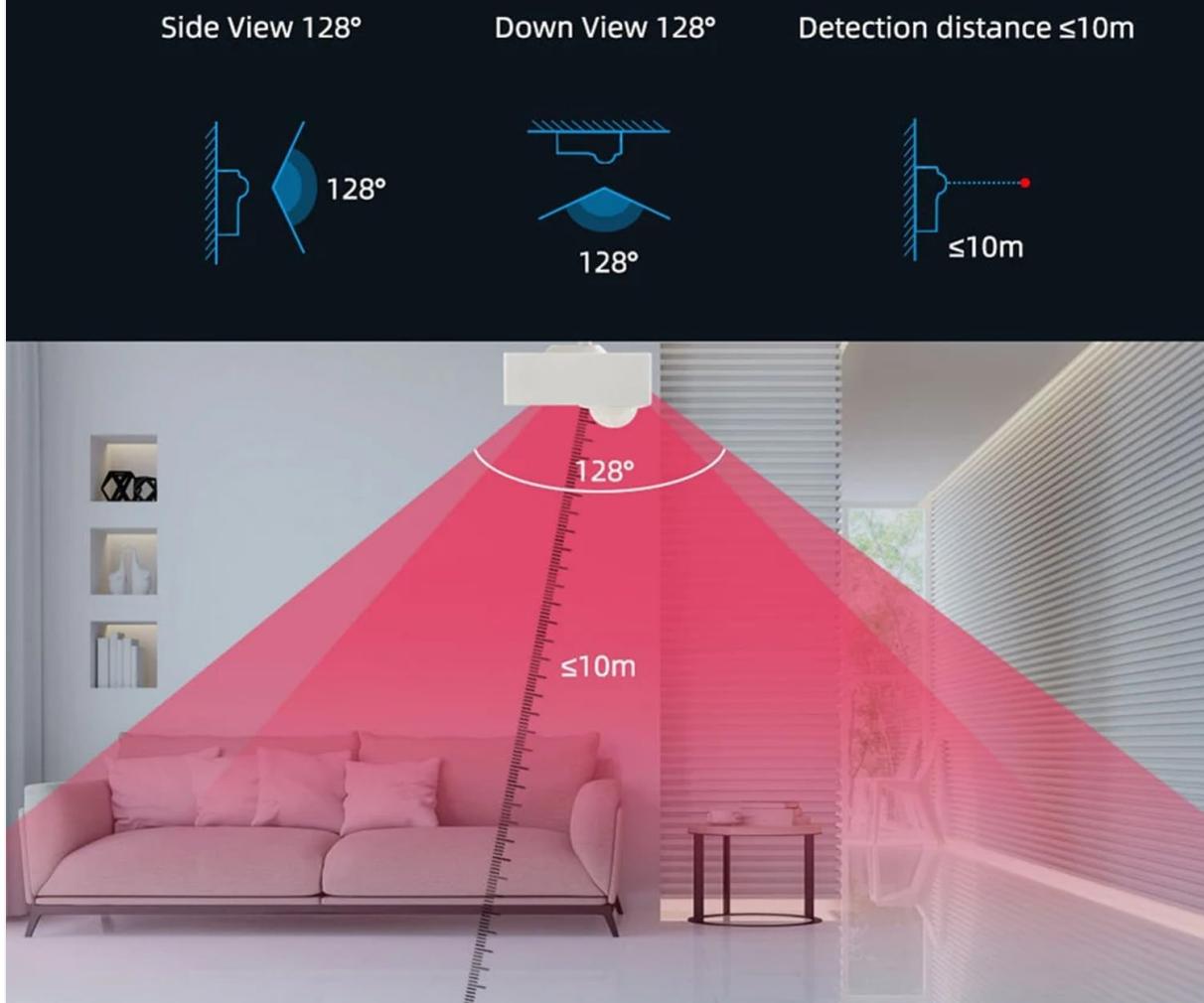


Figure 5.3: The sensor provides a 128° wide-angle infrared detection, covering a distance of up to 10 meters, suitable for monitoring various indoor spaces.

6. OPERATING INSTRUCTIONS

6.1 Motion Detection and App Alerts

Once the sensor is set up and connected to the app, it will detect movement within its range.

24-HOUR REMOTE MONITORING

Master the situation at home through the mobile app
so that you can really rest assured to travel

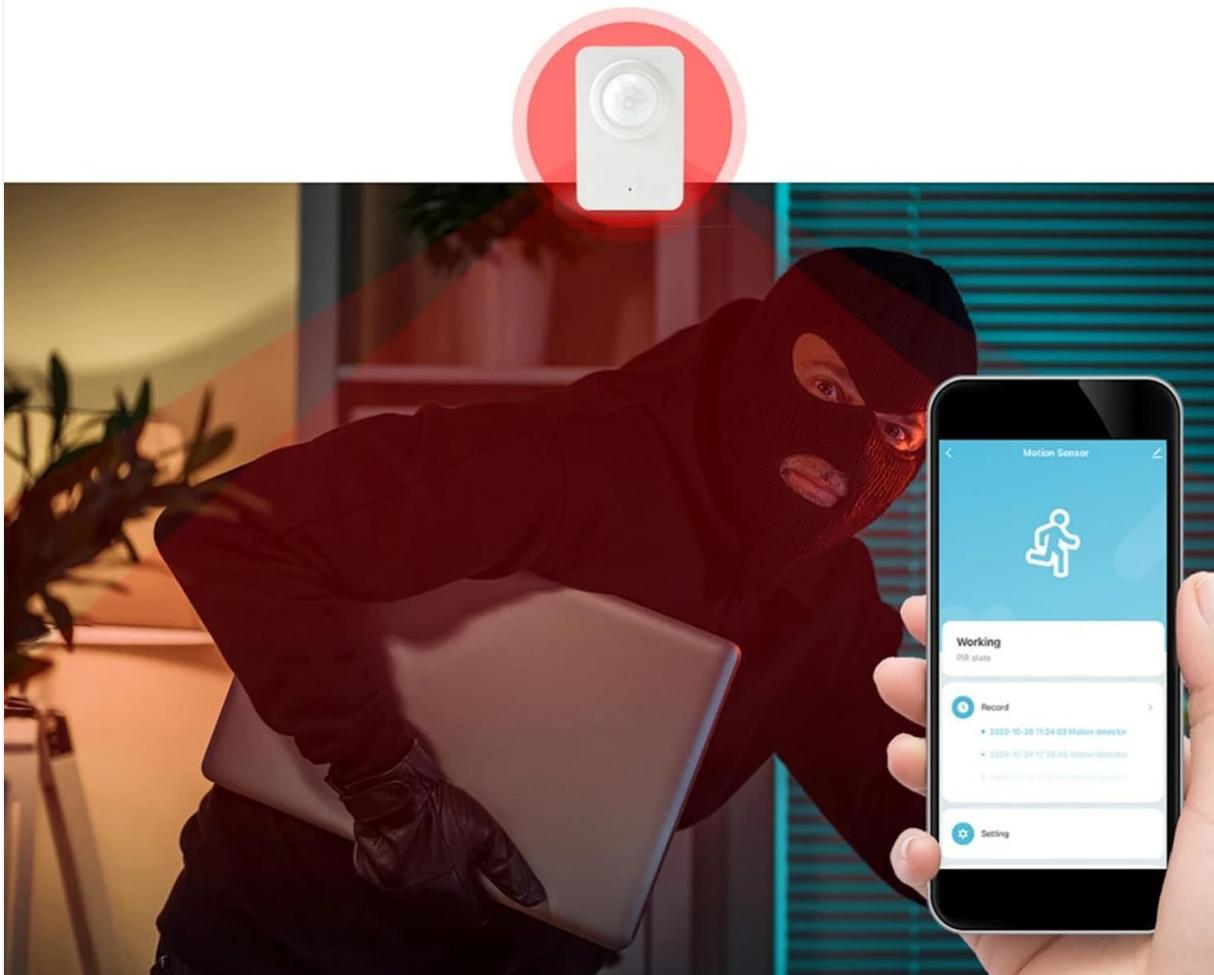


Figure 6.1: The sensor provides 24-hour remote monitoring, sending real-time notifications to your mobile app when motion is detected, such as an intruder.

- When motion is detected, the sensor will send a real-time notification to your Tuya Smart or Smart Life app.
- The app records up to 100 recent detection events, allowing you to review activity.
- You can configure notification settings within the app, including enabling/disabling alerts.

6.2 Smart Home Automation

The PIR motion detector can act as a trigger for smart home scenes.

Intelligent linkage

Sensing the movement will turn on the light, and the light will go out after the person leaves



Figure 6.2: Intelligent linkage allows the sensor to trigger other smart devices, such as turning on a light when motion is detected and turning it off when the area is clear.

- Within the Tuya Smart or Smart Life app, navigate to the "Smart" or "Automation" section.
- Create custom scenes where the motion sensor acts as a condition. For example, "If motion is detected by P06, then turn on smart light."
- You can link the sensor with other compatible smart devices like lights, fans, or security systems.

PIR motion sensor

It can detect the movement of people or animals, real-time control of changes in your home with your mobile phone
Stick and use, no wiring required



			
APP real-time control	Infrared sensor	Intelligent linkage	Abnormal alarm
			
128° wide angle	360° rotation	2.4GHz transmission	Easy to install

Figure 6.3: The sensor supports intelligent linkage, allowing it to integrate with a network of smart home devices for automated actions.

6.3 Device Sharing

You can share control of the motion sensor with family members through the app.



Figure 6.4: The app allows you to share device control with other users, enabling multiple family members to monitor and manage the smart motion sensor.

7. MAINTENANCE

7.1 Battery Replacement

When the app indicates a low battery, replace the two AA batteries promptly to ensure continuous operation. Open the back cover, remove old batteries, and insert new ones with correct polarity.

7.2 Cleaning

Wipe the sensor's exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as they may damage the device or interfere with its detection capabilities.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Sensor not connecting to Wi-Fi	Incorrect Wi-Fi password; 5GHz Wi-Fi network; sensor too far from router; pairing mode not activated.	Ensure correct 2.4GHz Wi-Fi password. Move sensor closer to router. Re-enter pairing mode by pressing the reset button.
No motion alerts	Low battery; app notifications disabled; sensor placed incorrectly; Wi-Fi disconnected.	Check battery level and replace if necessary. Enable app notifications. Adjust sensor placement. Verify Wi-Fi connection.
False alarms	Sensor detecting pets or moving objects (curtains, fans); placed near heat sources or direct sunlight.	Adjust sensor angle or relocate to avoid detecting non-human movement. Avoid placing near heat sources or windows with direct sunlight.
Short battery life	Frequent motion detection; using non-alkaline batteries.	If motion is frequent, consider using USB power. Ensure high-quality alkaline AA batteries are used.

9. SPECIFICATIONS

Feature	Detail
Model Number	P06
Detection Angle	128°
Detection Distance	Up to 10 meters
Power Supply	2 x AA Batteries (included) or USB (1.5V adapter not included)
Battery Life	Approximately 6 months (depending on usage)
Wireless Connectivity	Wi-Fi 2.4GHz (IEEE 802.11 b/g/n)
Compatible App	Tuya Smart / Smart Life
Mounting Type	Wall Mount (with 360° rotating base) or Desktop Placement
Product Dimensions	2.74"D x 1.77"W x 1.41"H (70mm x 45mm x 36mm)
Item Weight	4.6 ounces (130 grams)

10. WARRANTY AND SUPPORT

Gaoducash provides a standard warranty for this product. For warranty claims, technical support, or further assistance, please refer to the contact information provided on the product packaging or the official Gaoducash website. Please have your model number (P06) and purchase details ready when contacting support.

