Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Aideepen ZG-204ZL

Aidpeen Motion Sensor ZG-204ZL User Manual

Model: ZG-204ZL | Brand: Aideepen

Introduction

The Aidpeen ZG-204ZL Motion Sensor is a compact and efficient Zigbee-enabled presence detector designed for indoor use. It quickly detects body movement and can integrate with your smart home system to provide real-time alerts and automation. Its hemispherical design allows for a wide detection angle, making it suitable for various placements including walls, ceilings, and corners. This manual provides essential information for setup, operation, maintenance, and troubleshooting of your device.

Package Contents

Upon opening your package, please verify that all components are present:

- Aidpeen ZG-204ZL Motion Sensor x 1
- Back Panel x 1
- Back Panel Opener x 1
- Mesh Needle x 1
- Product Manual (English and Chinese) x 1

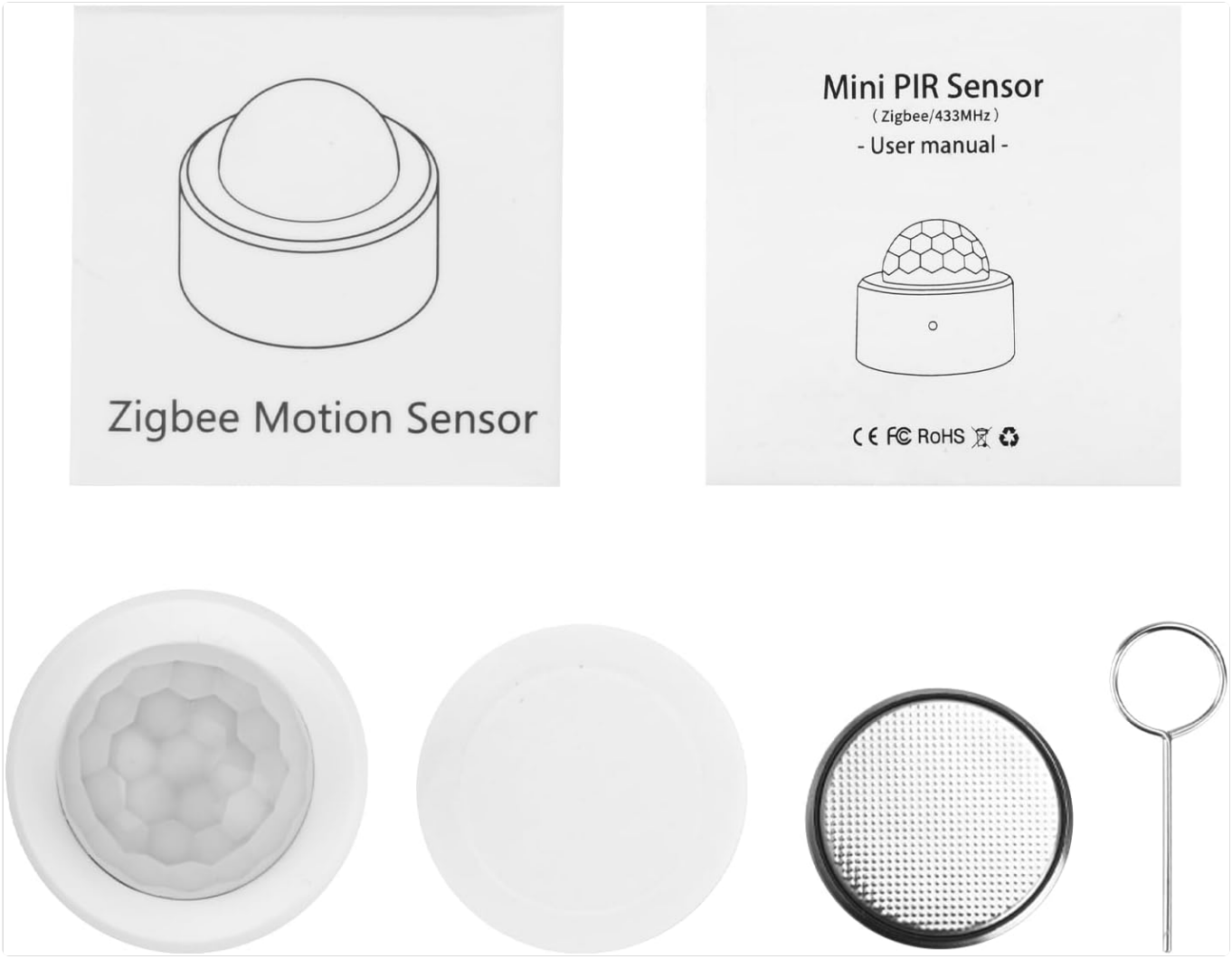

Image: Components included in the Aidpeen ZG-204ZL Motion Sensor package.

Setup and Installation

The Aidpeen ZG-204ZL Motion Sensor is designed for easy installation. It requires a Zigbee smart gateway to function and connect with other smart devices.

1. Powering the Device

The sensor is powered by a CR2450 Lithium Polymer battery. Ensure the battery is correctly inserted into the sensor. Use the provided back panel opener to access the battery compartment if needed.

2. Pairing with a Zigbee Gateway

To use the sensor, it must be connected to a Zigbee smart gateway (not included). Follow the instructions provided with your Zigbee gateway to add a new device. Typically, this involves putting the gateway into pairing mode and then activating the sensor's pairing mode (refer to your sensor's specific pairing instructions, often by pressing a reset button with the mesh needle).

3. Mounting the Sensor

The sensor can be easily installed using the included adhesive film. Choose a location that provides optimal detection coverage, such as a wall, ceiling, or corner. The hemispherical design allows for flexible placement.

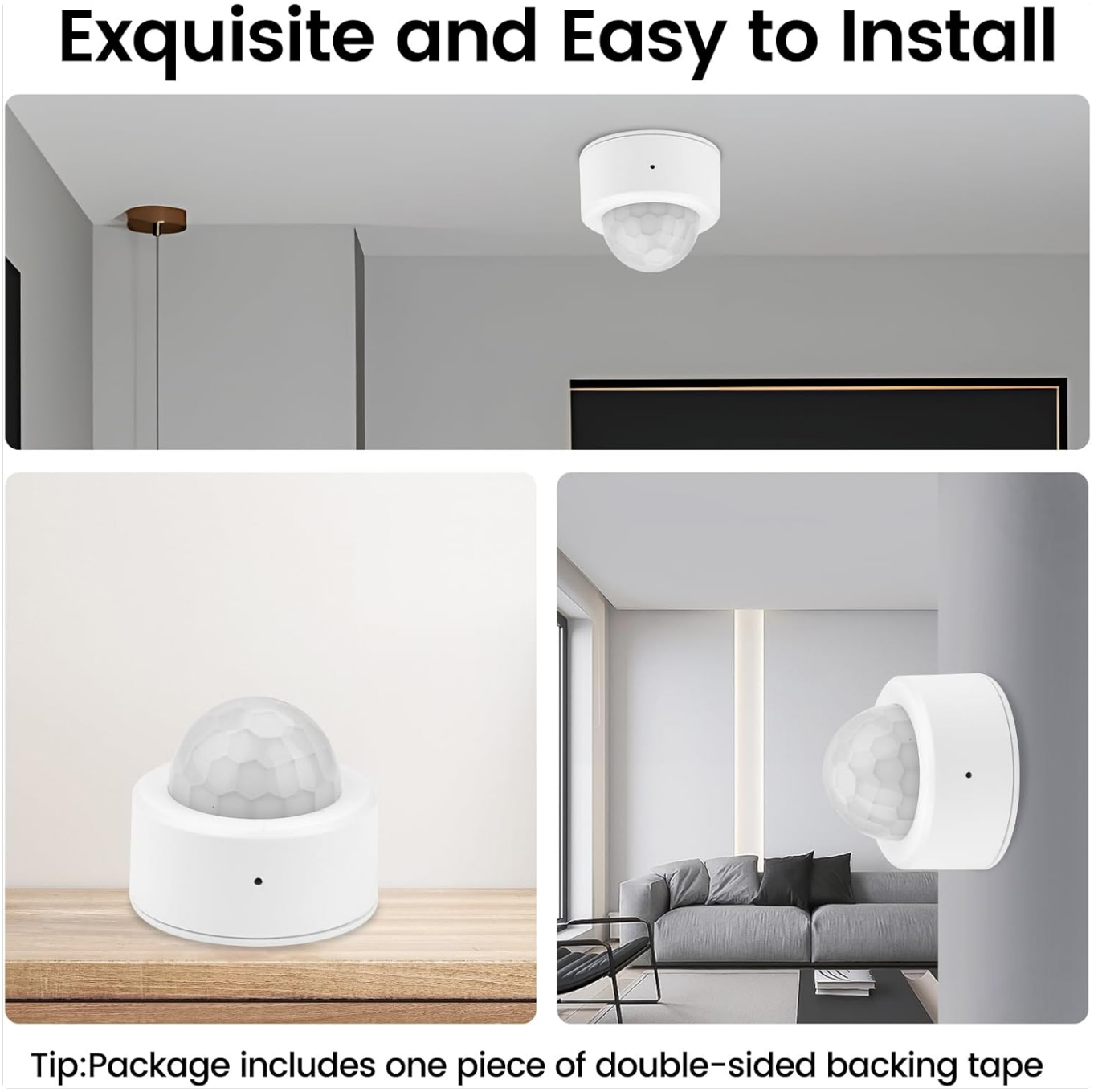

Image: Various installation options for the motion sensor, including ceiling, table, and wall mounting.

Operating the Device

Once paired with your Zigbee gateway, the Aidpeen ZG-204ZL Motion Sensor will begin detecting movement within its range. You can monitor its status and configure settings via your smart home application (e.g., Smart Life app).

Motion Detection

The sensor quickly detects body movement within its detection angle of ≥135° and detection distance of ≥10m. When motion is detected, the sensor sends a signal to your Zigbee gateway.



Image: Illustration of the sensor's wide detection zone, highlighting its ability to cover a large area.

App Integration and Alerts

Through your connected smart home app, you can receive real-time notifications when motion is detected. For example, you can set up an 'away from home' mode where alarm information is pushed directly to your mobile phone, allowing you to track the situation remotely.

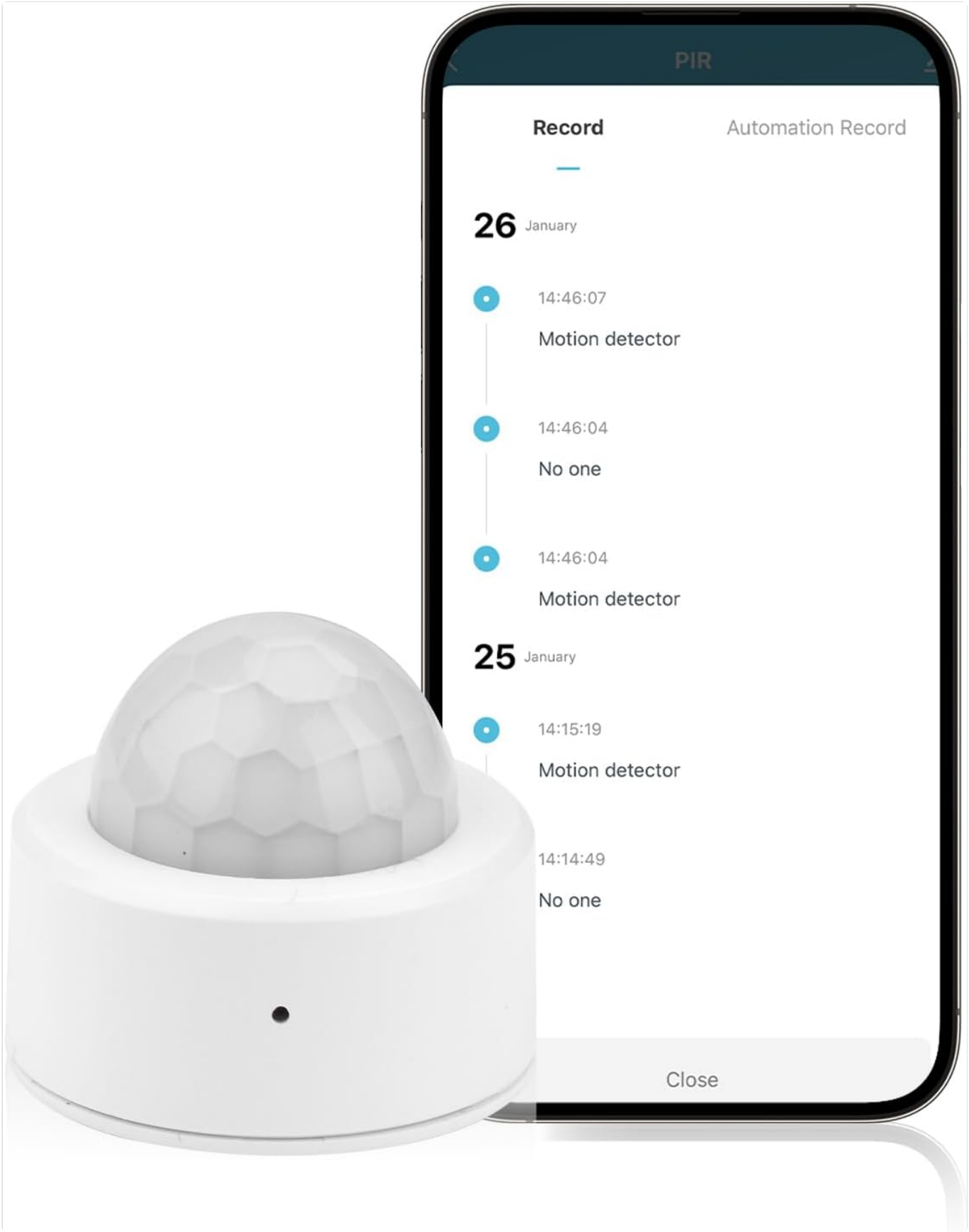

Image: The motion sensor shown alongside a smartphone displaying a log of detected movements, indicating app integration.



Image: The motion sensor with a smartphone showing the 'Human status' interface, indicating real-time presence detection.

Maintenance

The Aidpeen ZG-204ZL Motion Sensor is designed for low maintenance. Its battery provides a long standby time of approximately 12 months.

Battery Replacement

When the battery level is low, your smart home app may notify you. To replace the CR2450 battery:

1. Carefully remove the sensor from its mounting location.
2. Use the provided back panel opener to detach the back panel and access the battery compartment.
3. Remove the old CR2450 battery and insert a new one, ensuring correct polarity.
4. Reattach the back panel and remount the sensor.

Cleaning

Wipe the sensor's exterior with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these can damage the device.

Troubleshooting

If you encounter issues with your Aidpeen ZG-204ZL Motion Sensor, please refer to the following common solutions:

- **Sensor Not Detecting Motion:**
  Ensure the sensor is placed within the optimal detection range and angle. Check for obstructions that might block the sensor's view. Verify the battery level and replace if necessary.
- **No App Notifications:**
  Confirm that the sensor is successfully paired with your Zigbee gateway and connected to your smart home app. Check your app's notification settings and ensure your mobile device has an active internet connection.
- **Connectivity Issues:**
  Ensure your Zigbee gateway is powered on and within range of the sensor. If issues persist, try re-pairing the sensor with the gateway.
- **Device Not Responding:**
  Try removing and reinserting the battery to perform a soft reset. If the problem continues, attempt a factory reset (refer to your Zigbee gateway or sensor's specific instructions for reset procedures).

If you continue to experience problems after attempting these troubleshooting steps, please contact customer support for further assistance.

Specifications

Detailed technical specifications for the Aidpeen ZG-204ZL Motion Sensor:

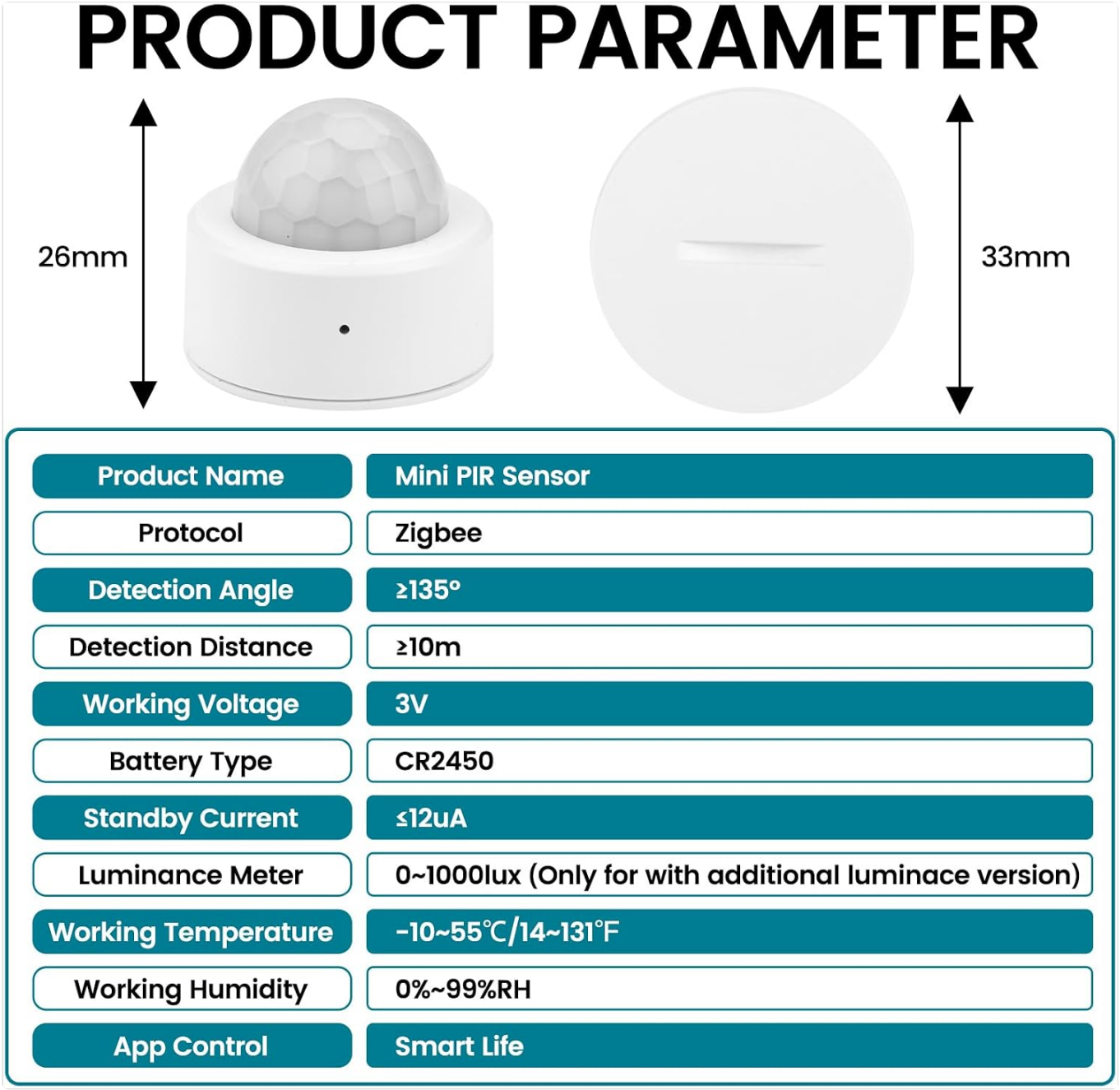

Image: Detailed product parameters and specifications for the motion sensor.

Parameter	Value
Product Name	Mini PIR Sensor
Model Number	ZG-204ZL
Protocol	Zigbee 3.0
Detection Angle	≥135°
Detection Distance	≥10m
Wireless Distance	≥100M (open position)
Working Voltage	3V
Battery Type	CR2450 Lithium Polymer

Parameter	Value
Standby Current	≤12uA
Luminance Meter	0-1000lux (Only for additional luminance version)
Working Temperature	-10°C to 55°C (14°F to 131°F)
Working Humidity	0% to 99% RH
App Control	Smart Life (or compatible Zigbee apps)
Product Dimensions	3.3 x 3.3 x 2.6 cm
Item Weight	20 g
Mounting Type	Wall Mount

Important Safety Information

Please read and follow these safety warnings to ensure safe operation and prevent damage to the device or injury:

- Contains electronic parts; do not disassemble or modify the product.
- Keep out of reach of children.
- Do not expose the device to extreme temperatures, direct sunlight, or excessive moisture.
- Use only the specified battery type (CR2450).
- Dispose of batteries and the device according to local regulations.



Image: Safety warning labels for the product.

Support

For any questions, technical support, or issues not covered in this manual, please contact Aideepen customer service. Refer to the contact information provided in your product packaging or on the official Aideepen website.

© 2024 Aideepen. All rights reserved.

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

https://manuals.plus/asin/B0CS3K778T

More documents and user manuals: **https://manuals.plus/**