



## perenio PECMS01 Motion Sensor with Optional Automated Alerts User Guide

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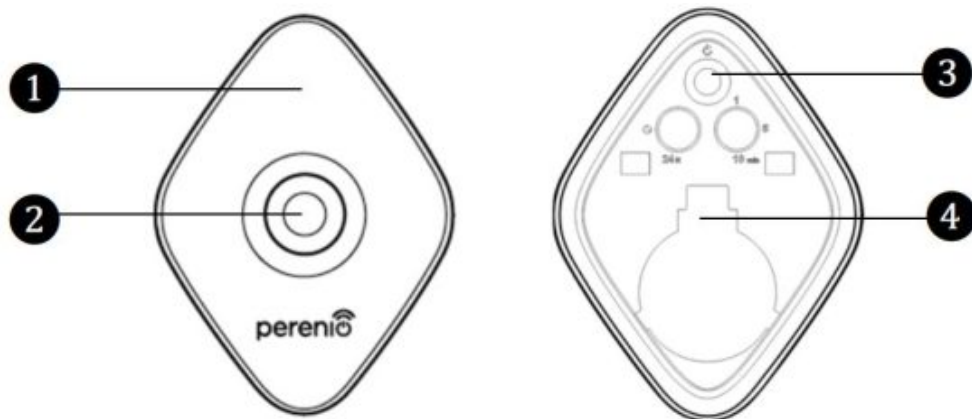
PECMS01



**Perenio Smart:**  
Building Management  
System



[perenio.com](http://perenio.com)



1. LED Indicator
2. PIR Sensor
3. Reset button
4. Battery Cover



## GENERAL INFO

Compatibility	iOS (12.0 and higher), Android (5.1 and higher)
Specification <sup>1</sup>	ZigBee HA 1.2 (Wireless connection distance: Up to 40m), battery operated (DC3V, 600mAh), wide detection area (10x6m at 110°), white color, mounting bracket, PIR Sensor, LED indicator, PIR Technology of motion detection, ultra-low power consumption, removable panel, tool-free installation. Dimensions: 84.4mm x 63.4mm x 26.3mm. Operating conditions: 0°C to +45°C, 10% to 85% RH (non-condensing)
Scope of Supply	PECMS01 Motion Sensor, CR2045 Battery, 2x Screws with Dowels, 3M Mounting tape, Quick Start Guide, Warranty Card, Sticker
Warranty	2 years (Service life: 2 years)

## INSTALLATION AND CONFIGURATION<sup>2</sup>

1. Make sure that the Perenio® Control Gateway or the IoT Router was pre-installed and connected to the network via Wi-Fi/Ethernet cable.
2. Unpack the Motion Sensor, open its back cover and remove the battery insulating strip to power it on (The LED will blink). Close the battery cover.
3. Log in to your Perenio Smart Account. Then, click on the “+” icon in the “Devices” tab and follow connection tips specified on the screen. Complete connection process.
4. Click on the sensor image in the “Devices” tab to manage its functionality.

## SAFETY OPERATION RULES

The User shall observe storage and transportation conditions and working temperature ranges as specified in the Manual. The User shall observe recommendations on the Sensor orientation during installation. It is not allowed to drop, throw or disassemble the device, as well as attempt to repair it on one's own.

## TROUBLESHOOTING

1. The sensor triggers unexpectedly: Low battery level of the sensor or heat emission in the sensor field of vision.
2. The sensor does not connect to the Control Gateway or the IoT Router: Too long distance or obstacles between the sensor and the Control Gateway or the IoT Router.
3. Reset to factory settings doesn't work: Low battery level. Replace the battery.



- 1 This device is for indoor installation only.
- 2 All information contained herein is subject to amendments without prior notification of the User. For current information and details on the device description and specification, connection process, certificates, warranty and quality issues, as well as the Perenio Smart app functionality, see relevant Installation and Operation Manuals available for downloading at [perenio.com/documents](https://perenio.com/documents). All trademarks and names herein are the property of their respective owners. See operating conditions and date of manufacture on the individual packaging. Manufactured by Perenio IoT spol s r.o. (Na Dlouhem 79, Ricany – Jazlovice 251 01, Czech Republic). Made in China.

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### References

- [Smart Home and Office | Perenio IoT](#)
- [Files and documents](#)