

# Z-Wave Plus wireless motion sensor

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:



RF96PIRBMS



## Description

1000 sq. ft. 120° wide detection zone

## Design features

- Detects motion in a space with in-built Passive Infrared and light sensor
- When used with a compatible smart hub, get alerted on your smart phone or tablet, trigger scenes or have lights come ON automatically
- CR123A Lithium battery included with the product provides expected battery life of 2 years
- Can be mounted using included screws or double sided tape
- Supports Z-Wave Plus functionality with S2 security certification

**Table 1. Z-Wave Plus Wireless Motion Sensor**



Catalog no.	Coverage Area	Description	Color
<input type="checkbox"/> RF96PIRBMS	1000 sq. ft. 120° wide detection zone	Z-Wave Plus wireless motion sensor	W



Powering Business Worldwide

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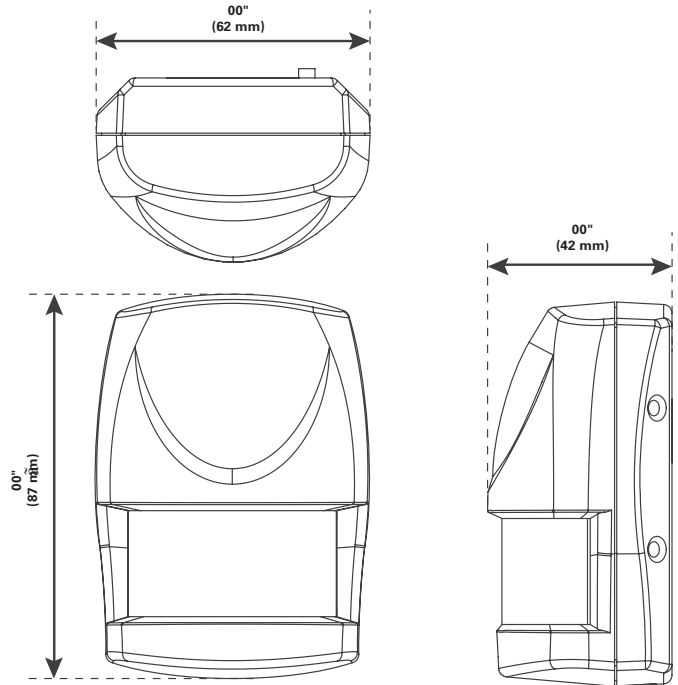
## Applications

The motion sensor can be used to increase security and trigger an alarm if motion is detected, when integrated with a security system. In addition, when the sensor is connected to a Z-Wave hub, the sensor is part of a home automation solution. The user can customize the light level for day/night time.

**Table 2. Specifications**

<b>Catalog No.</b>	RF96PIRBMS
<b>Function</b>	Motion sensor
<b>Frequency range</b>	908.42 MHz (US)
<b>RF Protocol</b>	Z-Wave Plus, SDK 6.71
<b>RF range (open space)</b>	Up to 100 ft. line of sight
<b>PIR detection angle, range</b>	Up to 30 ft. x 120° (at 71 ft. mounting height & 25°C)
<b>Battery type</b>	CR123 3.0V 1700mAh lithium battery
<b>Operation temperature</b>	0 - 40°C
<b>Operation humidity</b>	85% RH max.
<b>Dimension (mm)</b>	62(W) x 42(D) x 87(H)
<b>Weight</b>	80g

## Product Dimensions



## Certifications & Compliances

<b>Catalog No.</b>					
RF96PIRBMS	•	•	•	•	•

**KEY:** cULus cULus NOM FCC Z-Wave Plus

## Related Products

### Z-Wave controller



Eaton home automation hub

### Z-Wave Plus wireless products



RF9601, RF9640-N, RFTR9605-T

Compliances, specifications and availability are subject to change without notice.



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