



PRODUCT DESCRIPTION

The BMS-S1P-PIR-DC2-BLE-SR-PPM occupancy sensor features plug-and-play mounting. Utilizing PIR (passive infrared) motion detection technology with advanced architecture, it delivers enhanced detection coverage for ceiling/fixture-mounted applications in both high-bay and low-bay environments.

ORDERING INFORMATION

Description

Passive Infrared (PIR) Occupancy Sensor with Bluetooth Mesh feature

Part Number

BMS-S1P-PIR-DC2-BLE-SR-PPM

TECHNICAL DATA

Type	PIR occupancy sensor
Power Input	10-14VDC
Control Output	0-10V, max. 25mA sinking current
Mounting Height	12ft max.
Detection Angle	360°
Wireless Protocol	Bluetooth® SIG mesh
Bluetooth Range	100ft(30m), max.
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Antenna	Onboard
Connector	Low Voltage connector
IP Rating	20

FEATURES

- Daylight harvesting.
- High-end trim, zoning, continuous bi-level dimming.
- Magnetic reset and LED Motion indicator available.
- Onboard antenna.

Bluetooth Mesh Networking

The sensor relays signals via a self-healing mesh network, extending control range up to 100ft(30m) and enabling centralized management of compatible devices.

Range may vary based on environmental conditions.

Advanced PIR Detection

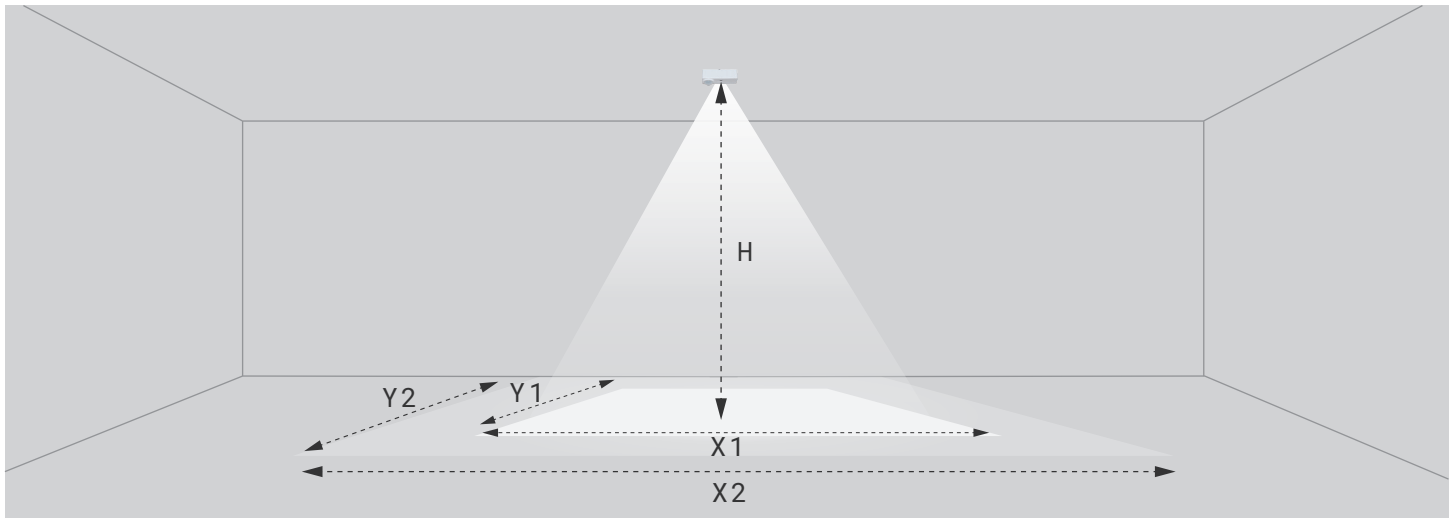
Passive infrared technology provides 360° coverage with a 12ft mounting height, detecting both minor and major movements for optimized occupancy sensing.

User-Friendly Design

Features an LED motion indicator, magnetic reset, and low voltage connector for easy installation and maintenance.

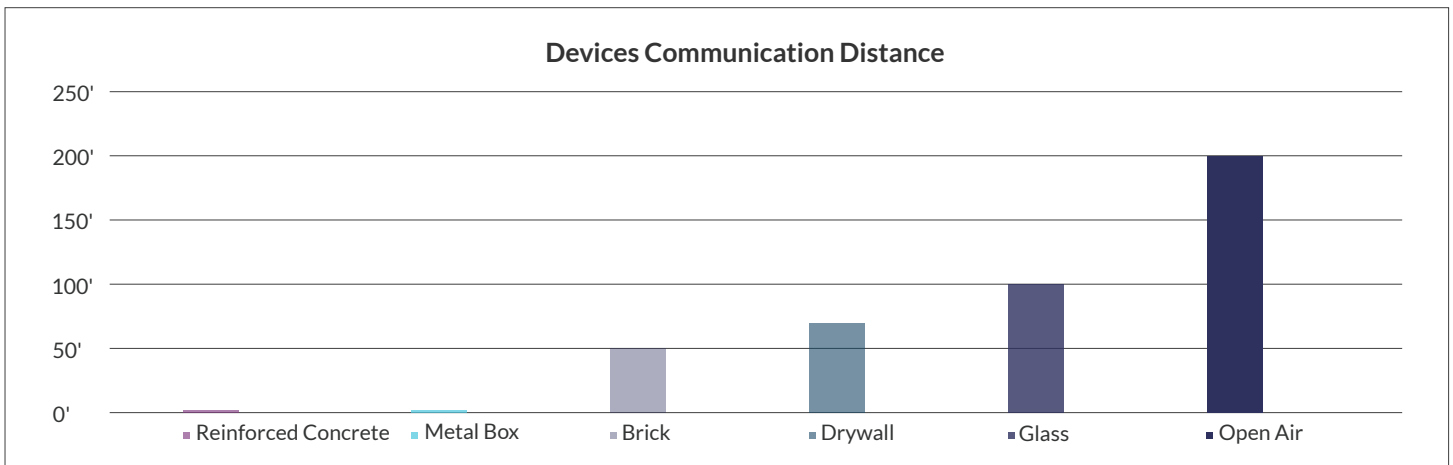
To reset: touch the top of the sensor for 5 seconds.

DETECTION COVERAGE PATTERN

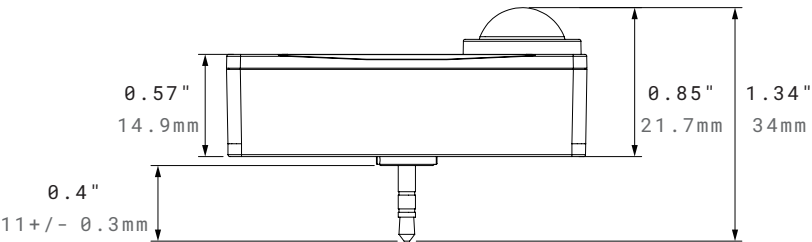
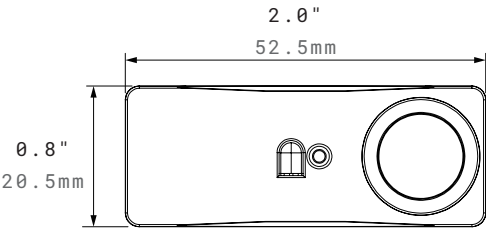


Height	Minor Movement		Major Movement	
H	Y1	X1	Y2	X2
8'/2.4m	10'/2.9m	9'/2.7m	15'/4.5m	9'/2.9m
10'/3m	12'/3.6m	11'/3.4m	18'/5.4m	12'/3.6m

Note: Y1 is parallel to Y2. X1 is parallel to X2.



DIMENSIONS



Ref#: 20250730

WARRANTY

5 years limited warranty.