bluemesh

The BMS-S1P-PIR-DC2-BLE-SR-PPM occupancy sensor features in plug and play mounting. It uses PIR Motion Detector, Architecture and passive infrared (PIR) technology for improved detection coverage for ceiling or fixture mount, high bay, and low bay applications.

OVERVIEW

• PIR sensor.
• Bluetooth® SIG mesh.
• High-End Trim, Zoning,
   Continuous Bi-level Dimming.
• LED Motion indicator.
• Mounting height up to 12ft .
• 360° coverage pattern.
• Low Voltage connector.
• Daylight Harvesting.

FEATURES AND BENEFITS

• Bluetooth mesh network.
• Built-in 25mA 0-10V dimming output.
• Mesh network, which has a much longer control distance,
   transmits received signals to neighboring devices.
• In typical outdoor environment, the typical range for wireless
   communication is 100ft(30m).
• Actual range is dependent on site conditions.
• Available with Magnetic reset (Touch the top part of sensor for
   5 seconds).
• On-board antenna.

TECHNICAL DATA

Motion Sensor	Passive Infrared (PIR)
Input Power	10-14VDC,>50mA
Control Output	0-10V,max 25mA sinking current
Mounting Height	12ft Max
Detection angle	360°
Operating temperature	-4°F ~ +140°F (-20°C ~ +60°C)
Max Bluetooth Range	100ft(30m)
IP Rating	IP20

PHYSICAL DIMENSIONS

blueMesh
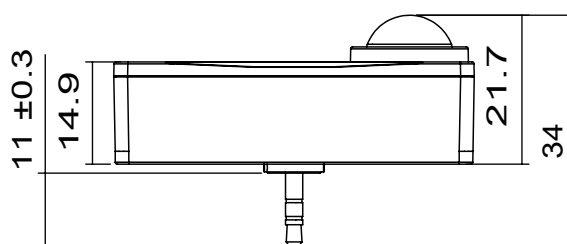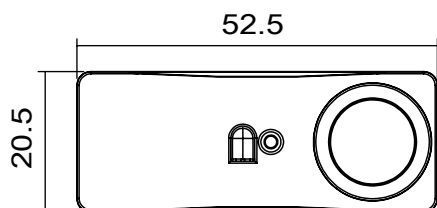
ORDERING INFORMATION

Model No.	Description	Input Voltage	Output	Mount
BMS-S1P-PIR-DC2-BLE-SR-PPM	Passive Infrared (PIR) Occupancy Sensor with Bluetooth Mesh Feature	10-14VDC	0-10V	Plug and Play Mount

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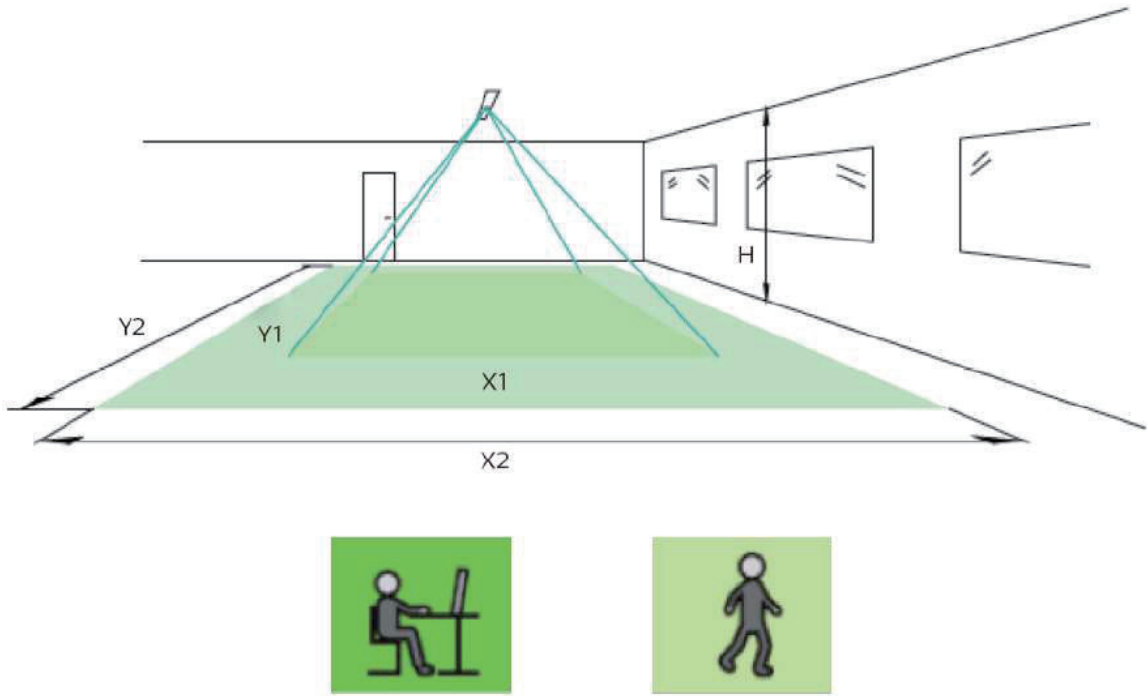
Height	Minor Movement		Major Movement	
H	**Y1**	**X1**	**Y2**	**X2**
8'/2.4m	10'/2.9m	9'/2.7m	15'/4.5m	9'/2.9m
10'/3m	12'/3.6m	11'/3.4m	18'/5.4m	12'/3.6m

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

WARRANTY

Five year limited warranty.

Specifications subject to change without notice.