



PRODUCT DESCRIPTION

The BMS-S6-PIR-DC1-BLE-SR-ZT is a Bluetooth® PIR sensor optimized for high-bay installations up to 40ft. Its 360° detection and robust mesh networking enable seamless, extended-range control of 0-10V lighting systems via mobile app, ideal for challenging industrial environments.

ORDERING INFORMATION

Description

Passive Infrared Sensor

Part Number

BMS-S6-PIR-DC1-BLE-SR-ZT

TECHNICAL DATA

Sensor Type	Passive infrared sensor
Input Voltage	12–24VDC, >50mA
Control Output	0–10V, max 25mA sinking current
Mounting Height	40ft (12m) max
Detection Angle	360°
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Max Bluetooth Range	196ft(60m)
Wireless Protocol	Bluetooth® SIG mesh
Reset Method	Magnetic reset (5 seconds touch)
Certification	FCC certified
IP Rating	65
Connector Type	Low-voltage connector
Converter Type	Bluetooth to 0-10V signal
Antenna	Onboard
Warranty	5 years

FEATURES

- PIR motion sensor with 360° coverage.
- Supports high-end trim, zoning, continuous bi-level dimming.
- LED motion indicator and magnetic reset available.
- Onboard antenna.

Smart Connectivity

Bluetooth® SIG mesh enables wireless 0–10V dimming, zoning, and group control, with centralized management via mobile app.

Efficient Lighting Control

Supports continuous bi-level dimming and high-end trim to improve energy use in high-bay applications.

Robust Detection

360° PIR sensing with mounting height up to 40ft ensures reliable motion detection in wide-area environments.

Simple Setup

Compact low-voltage design with onboard antenna and magnetic reset.

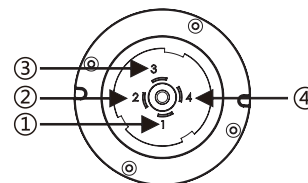
Reset: Hold a magnet to the top of the sensor for 5 seconds.

Durable Design

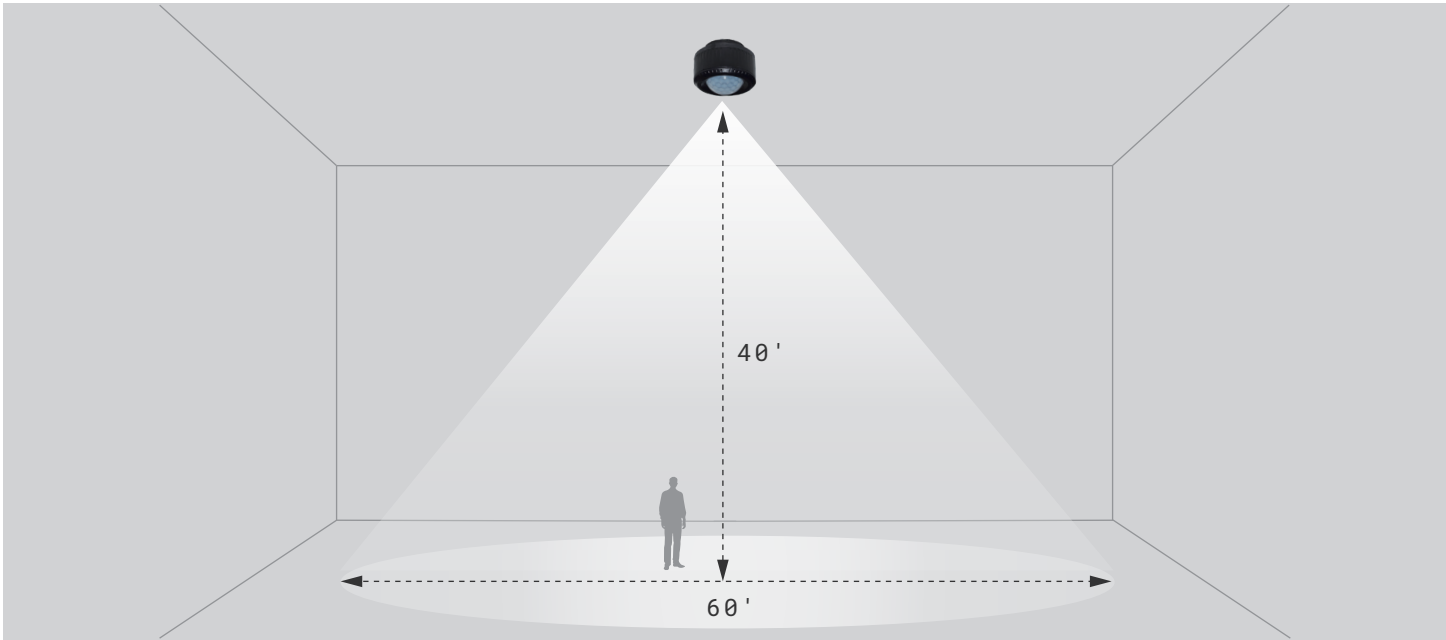
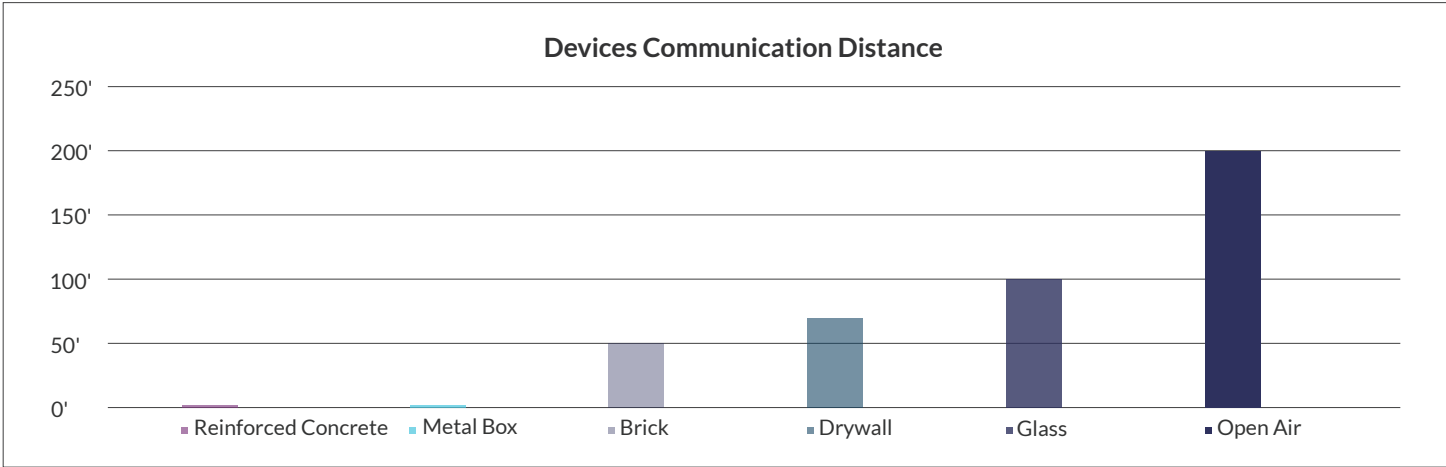
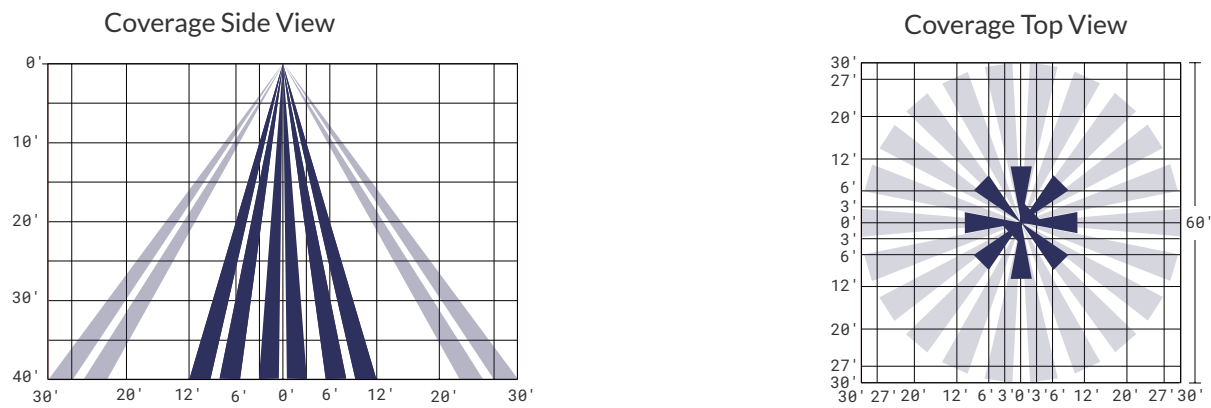
IP65-rated housing offers protection for industrial use, backed by a 5-year warranty.

Port

Port 1 : 12-24VDC
Port 2 : GND/DIM -
Port 3 : DIM +
Port 4 : NC

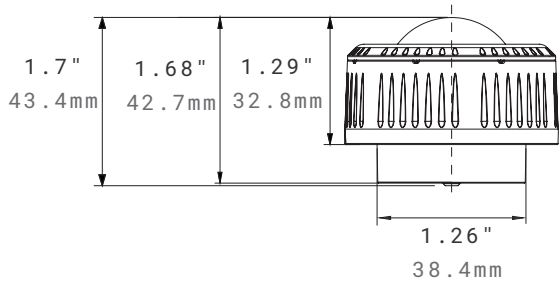


DETECTION PATTERN

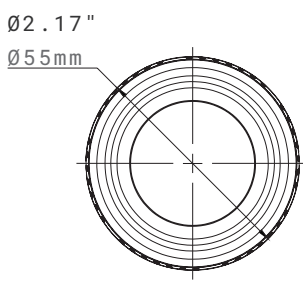


DIMENSIONS

Side View



Top View



WARRANTY

5 years limited warranty.

Ref#: 20250730