

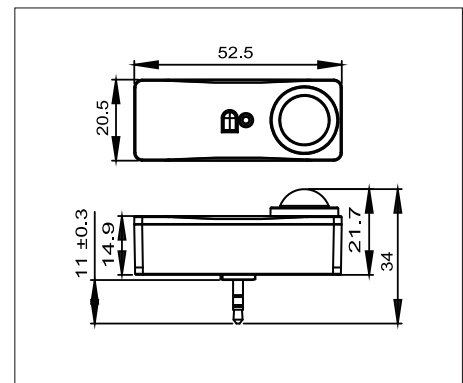
Installation Instructions

Bluetooth Passive Infrared Bi-level Motion Sensor for Backlit Panel Light

Use Bluetooth PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for backlit panel light application.



Works with **GEBC**[®]



OVERVIEW

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

FEATURES AND BENEFITS

- Bluetooth to 0-10V signal converter, Bluetooth[®] mesh network.
- Built-in 20mA 0-10V signal output.
- Mesh network, which has a much longer control distance, transmits received signals to neighboring devices.
- All devices on 0-10V line are broadcast controlled by mobile application.
- In typical outdoor environment, the typical range for wireless communication is 100ft(30m).
- Actual range is dependent on field installation.
- Available with magnetic reset(Touch the side part of sensor for 5 seconds) and remote reset (press "RESET"+" ON/OFF" buttons in sequence).
- On-board antenna.

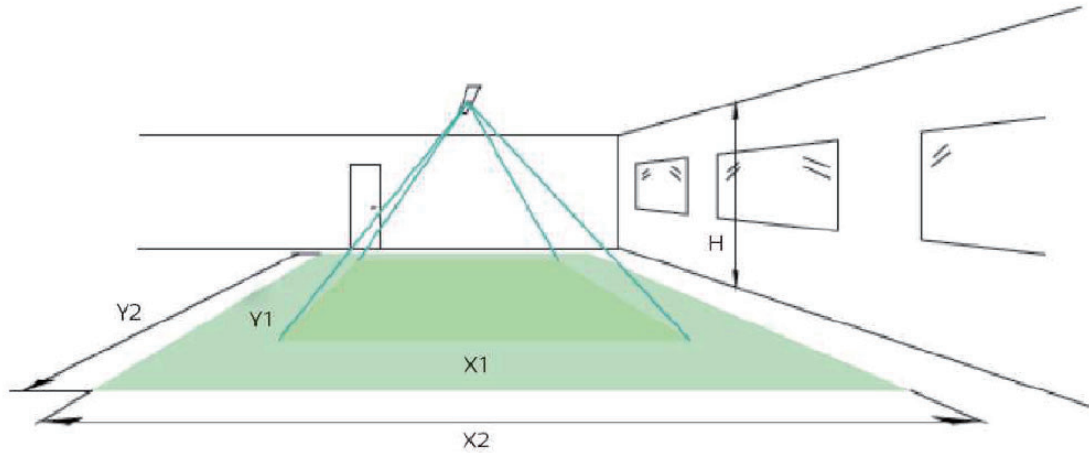
TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	10-14VDC, >50mA
Control Output	0-10V, max 25mA sinking current
Mounting height	12 ft Max.
Detection angle	360°
Operating temperature	-20°C~60°C (-4°F ~ 140°F)
IP rating	20
Max Bluetooth Range	100 ft (30m)
Warranty	5 years

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OCCUPANCY DETECTION OVERLAP



Height	Minor Movement		Major Movement	
	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: Longer dimension of detection area (Y1, Y2) is parallel to longer dimension.

Works with APP: GEBC



Please scan the QR code to download from iOS