

DC Fixture-Integrated Bluetooth PIR Sensor



GEBC Bluetooth®



OVERVIEW

ANT-4E-BLE-GE-R2 uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for low bay applications.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through GEBC app.

FEATURES & SPECIFICATIONS

Construction

- ANT-4E-BLE-GE-R2 provides multi-level wireless lighting control based on motion and daylight.
- Constructed of white/black PC.
- PIR motion sensor can be configured as an occupancy or occupancy and daylight sensor.

Electrical

- ANT-4E-BLE-GE-R2 utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through GEBC app.
- 360 degree PIR motion sensor can be configured as an occupancy sensor. Occupancy sensor turns lights on automatically when motion is detected and turns lights off automatically after the area is vacated.
- Programmable settings including time delay and brightness can be set through GEBC app.

- Features such as parameter profiles, manual dim control, and real-time feedback from the sensor can speed up configuration and provide custom user control.
- Max Bluetooth® range is 100ft(30m) line of sight and highly dependent on the integration of fixtures, surrounding environment. It is recommended to conduct testing for range accuracy.
- Input Voltage | Current Consumption: 10-14 VDC | 50 mA.

Installation

- IP20 snap in design, low voltage.
- PIR detection is 360° coverage pattern and is best suited for areas with a clear line of sight and good air circulation.
- Operating temperature range of -20°C to +70°C.

- Max mounting Height: 12ft(4m).
- Available with button reset (press the button of sensor for 5 seconds).

Warranty

- 5 years warranty.

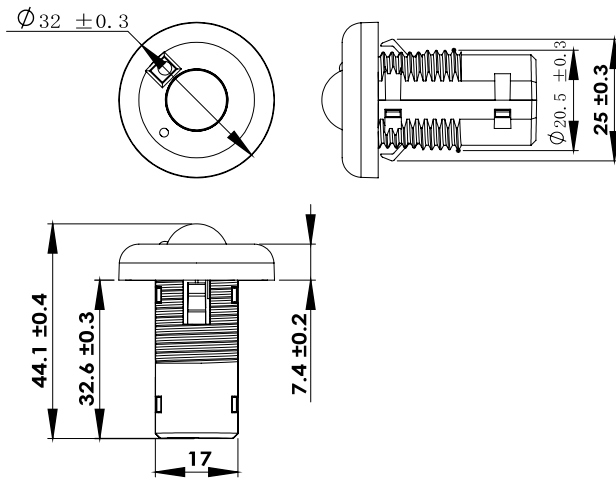
Listings

- FCC ID: 2AVMOGE01
- ETL
- cUL
- DLC
- Bluetooth®
- Declaration ID: D062134

ORDERING GUIDE

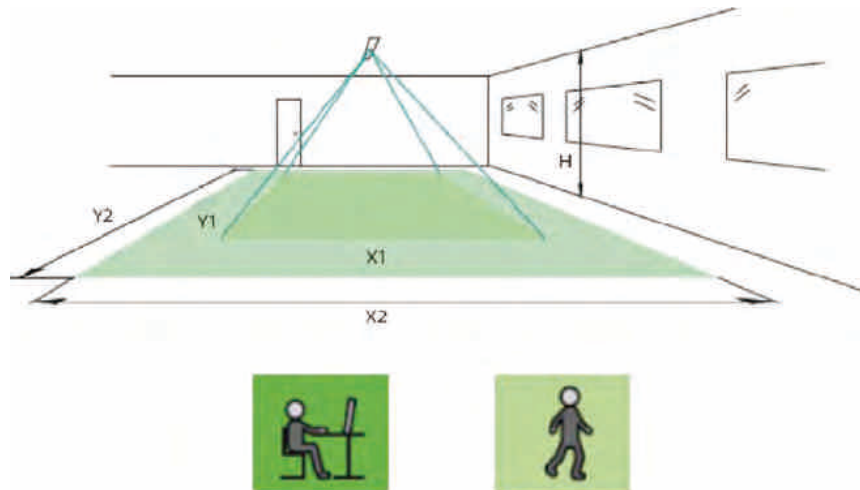
Description	Part Number
10-14V 0-10V DC Fixture-Integrated Bluetooth PIR Sensor	ANT-4E-BLE-GE-R2

DIMENSIONS AND APPEARANCE



Unit:mm

SENSOR COVERAGE



Height H	Minor Movement		Major Movement	
	Y1	X1	Y2	X2
8'/2.4m	10'/3m	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.

WIRING DIAGRAM

