# Bluetooth Passive Infrared sensor

GEBC

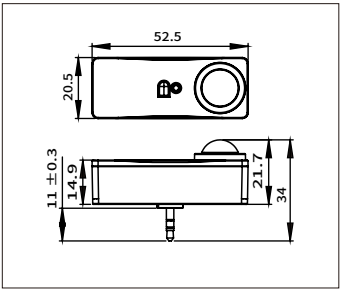
## SPECIFICATION

The ANT-1P-4T-BLE-GE uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.




## OVERVIEW

- PIR sensor.
- Bluetooth® SIG mesh.
- 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.



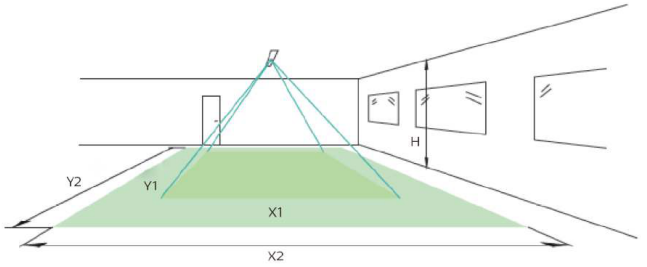

## FEATURES AND BENEFITS

- 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 | 12ft Max. |
| Detection angle | 360° |
| Operating temperature | -20°C~60°C |
| IP rating | 20 |
| Max Bluetooth Range | 100ft(30m) |
| Warranty | 5years |

## OCCUPANCY DETECTION OVERLAP








| 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: Longer dimension of detection area (Y1, Y2) is parallel to longer dimension.

## ORDERING INFORMATION

ANT-1P-4T-BLE-GE Bluetooth Passive Infrared sensor