

Bluetooth Passive Infrared sensor



SPECIFICATION

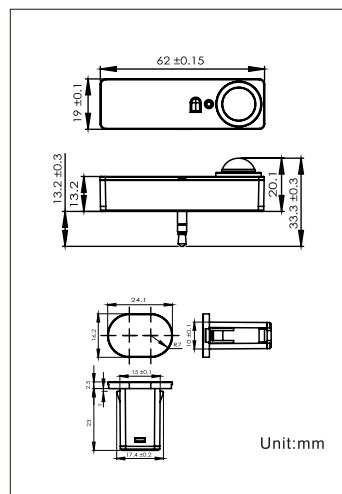
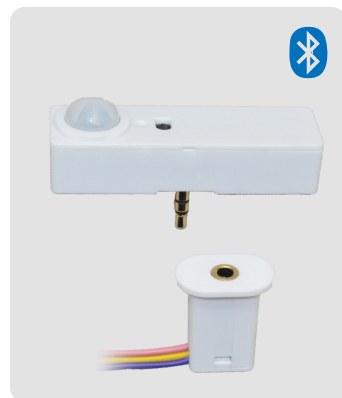
The ANT-1P-5T-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.

OVERVIEW

- PIR sensor.
- Bluetooth® SIG mesh.
- High-End Trim, Zoning, Continuous Bi-level Dimming.
- LED Motion indicator.
- Mounting height up to 12ft(4m) .
- 360° coverage pattern.
- Low Voltage connector.
- Technology Partner SILVAIR.

FEATURES AND BENEFITS

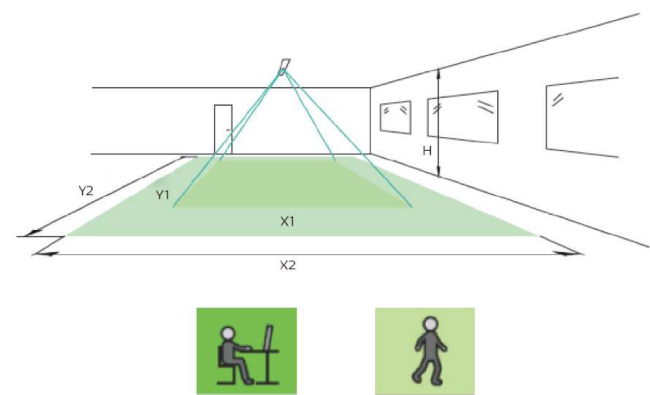
- Bluetooth to 0-10V signal converter, Bluetooth® mesh network.
- Built-in 20mA 0-10V signal output.
- Mesh network, which has a much longer control distance, transmits received signals to neighboring devices.
- All devices on 0-10V line are broadcast controlled by mobile application.
- In typical outdoor environment, the typical range for wireless communication is 100ft(30m).
- Actual range is dependent on field installation.
- Available with Magnetic reset (Touch the top part of sensor for 5 seconds).
- 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(4m) 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-5T-BLE-SR Bluetooth Passive Infrared sensor