Ceiling Bluetooth Passive Infrared sensor

GEBC Bluetooth®

OVERVIEW

BRI-DT301-BLE-GE is a DUAL tech ceiling mounted PIR sensor, which uses both PIR and ultrasonic detection methods to provide improved performance in areas where a PIR sensor alone will not suffice.
It utilizes a Bluetooth® Low Energy (BLE) mesh network. This device communicates wirelessly via Bluetooth Mesh technology allowing for wireless control of luminaires.

FEATURES & SPECIFICATIONS

Construction

- BRI-DT301-BLE-GE connects to a Bluetooth mesh network and is accessed via GEBC APP.
- Portal for intial design, setup and scheduling, as well as subsequent parameter adjustments.

- Constructed of white/ PC

Electrical

- BRI-DT301-BLE-GE utilizes a Bluetooth® Low Energy (BLE) mesh network.

- 360 degree PIR Motion sensor can be configured as an occupancy sensor. Dual Tech improves presence detection aviods false triggers. This device communicates wirelessly via Bluetooth Mesh technology allowing for wireless control of luminaires.

- Max Bluetooth® range is 130ft(40m) line of sight and highly dependent on the integration of fixtures, surrounding environment.It is recommended to conduct testing for range accuracy.

- Input Voltage | Load
120/230 (single phase)/277/347 VAC, 50/60 Hz
@120VAC, 800W Ballast/LED/Tungsten
@230VAC, 1200W Ballast/LED/Tungsten
@277VAC, 1200W Ballast/LED/Tungsten
@347VAC, 1500W Ballast/LED/Tungsten
Ultrasonic frequency: 40kHZ

Installation

- Ceiling Mounted. Mounting options: 4 square junction box with double gang

mudring; 4 inch octagonal junction box.

- PIR Sensor Range: 1900ft²（180m²)

- Ultrasonic Sensor Range: 1600ft²(150 ㎡)

- PIR detection is 360° coverage pattern and it is best suited for areaswith a clear line of sight and good aircirculation.

- Operating temperature range of -20℃ to +70℃.

Warranty

- 5 years warranty.

Listings

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

ORDERING GUIDE

Description	Part Number
Bluetooth Mesh Ceiling Mounted PIR Wireless Sensor	BRI-DT301-BLE-GE