

Bluetooth Passive Infrared Bi-level Motion Sensor

Overview

Bluetooth Passive Infrared Bi-level Motion Sensor provides automated individual and group control of light fixtures using on sensors and Bluetooth sgmesh technology .

It mounted in an Commercial lighting fixture and provides multi-level control solution based on motion and or daylight harvesting contribution.

Applications

- Car Parking
- Hospitals
- Schools
- Warehouses
- Industrial

Features

- Lighting controls meet design lights consortium (DLC) networked lighting control system technical requirements (Version NLC5 June 23, 2020).
- Quickly connect and adjust different sensor angle.
- Easy commissioning with tuya/**Smart Life** App (Available in IOS and Android).
- Bluetooth network with SaaS working by computer
- Individual addressability and/or grouping.
- Time clock scheduling for individual lights, groups or scenes.
- Multi-level dimming: manual ON/OFF automatic ON/OFF, and automatic partial ON/OFF ,daylight harvesting control capability.
- 5 Year Warranty



DAYLIGHT HARVESTING	ON/OFF
MOTION SENSING	ON/OFF
FIRST TIME DELAY	1-59 minutes/infinite
SECOND TIME DELAY	0-59 minutes/infinite
DIM LEVEL	0-100%
MOUNTING HEIGHT	13-40ft
DETECTION RANGE	Up to 52ft diameter
DETECTION HORIZONTAL PATTERN	360°
DETECTION VERTICAL PATTERN	90°

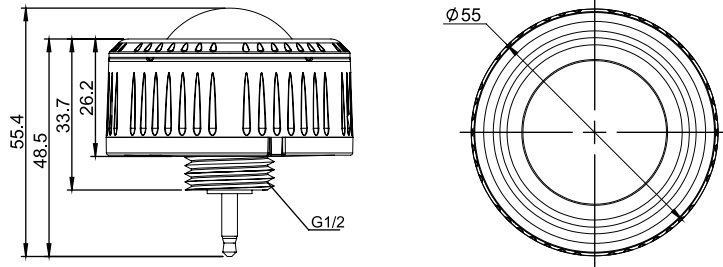


NETWORK BLE SIGMESH	Yes
DAYLIGHT HARVESTING	Yes
DIGITAL PIR MOTION SENSOR	Yes
DETECTION MODE	Occupancy/Vancancy/Bi-level in 1 Unit
OPERATING VOLTAGE	12-24V DC
OPERATING CURRENT	> 50mA
SINKING CURRENT	max. 25mA
CONTROL OUTPUT	0-10V
RADIO FREQUENCY	2.4GHz ± 75MHz
WIRELESS STANDARD	BLE 4.2 MESH IEEE 802.15.1
PROGRAMMING	Tuya/ Smart Life App mobile app(IOS and android) or SaaS
CYBERSECURITY	UL1376
ENCRYPTION	AES 128-bit
MESH RANGE	100ft node-to-node and 50ft node-to-device (Commissioning)
SAFETY	cULus Listed
FCC	FCC ID:2AVMOANT-5-X
OPERATING TEMPERATURE	-4°F ~ +140°F (-20°C ~ +60°C)
IP RATING	IP65
COLOR	White

*Must be paired with a Network Wall Switch

Bluetooth Passive Infrared Bi-level Motion Sensor

Product Dimension



Detection Coverage

