

Bluetooth Sensor

3.5mm PIN BLUETOOTH SENSOR & CONTROLLER

Description:

Our low-voltage Bluetooth wireless PIR/Daylight sensor with an integrated 3.5mm jack is designed for simple plug-in installation. This sensor provides 360° coverage at heights of 40Ft with an IP65 rating, 52' radius detection range from 40Ft height. Download our SLG Sync plus app on IOS/android for easy commissioning, convient controls, and a total lighting network experience.



SP-MSB-DCE-06-AUX-L7
Non-UV Resistant White Finish

Features:

- Network LLLC (LLLC) enabled with wireless bluetooth technology.
- Easy to install in the field with pre-installed 3.5 mm PIN receptacle for SLG Lighting controls ready fixtures or with an SLG Lighting PIN adapter.
- User friendly commissioning with SLG Sync+ App (Available in IOS and Android).
- Local Bluetooth Network - no gateway needed.
- Occupancy and Daylight Harvesting.
- Multi-level dimming: Manual ON/OFF Automatic ON/OFF, and Automatic Partial ON/OFF control capability with the SLG Sync App.
- Create scenes for more customized dimming scenarios via SLG Sync App.
- Time clock scheduling for individual lights, groups, or scenes via SLG Sync App.
- High & Low-Trim/Tuning sets the maximum light level based on customer requirements in each space.
- Check www.slgus.com/slg-sync for SLG Ligting fixture compatibility.
- 5 Year Warranty.

Ordering Information:

Sensor/Controller

Product Number	Description
SP-MSB-DCE-06-AUX-L7	Bluetooth Wireless Sensor & Controller - 3.5mm jack - Indoor/Outdoor - Non-UV resistant white finish

App Download:



Commissioning:

SLG Sync mobile App is the easiest way to pair devices, create groups, set scenes, set schedules, dimming, color tuning, and adjust high trim based on needs.

Visit www.slgus.com/slgsync for How-to-Videos and a comprehensive commissioning guide.

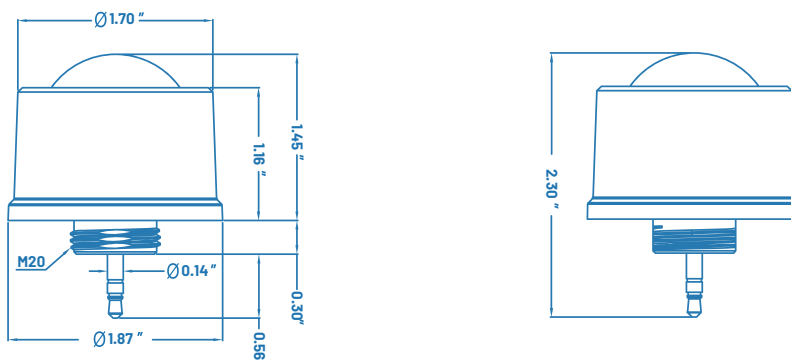


Specifications:

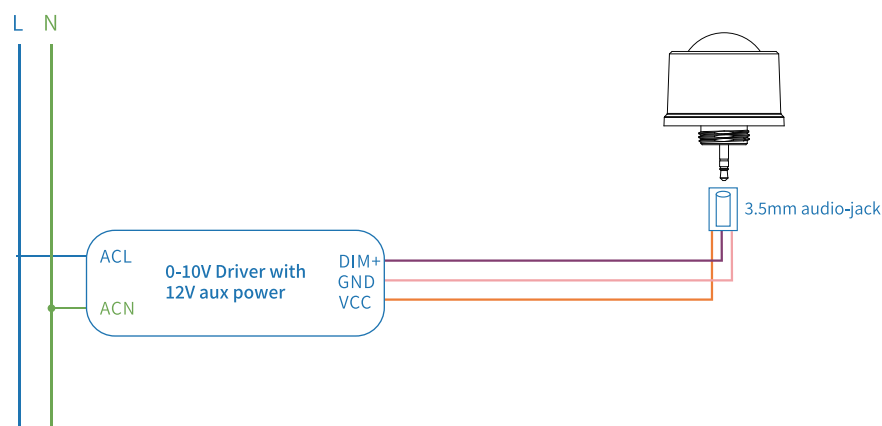
- **Input Voltage**
12-24VDC
- **Mounting Height**
40 ft. Max
- **Bluetooth Transmit**
200 ft. Max
- **Detection Range**
52 ft Max
- **Operating Temperature**
-25°C to 55°C (-13°F to 131°F)
- **IP Rating**
IP65
- **0-10V Signal Output**
20mA
- **Radio Frequency**
2.4 GHz +- 75 MHz
- **Detection Angle**
360°
- **Warranty**
5 Year warranty

Dimensions

Unit: in



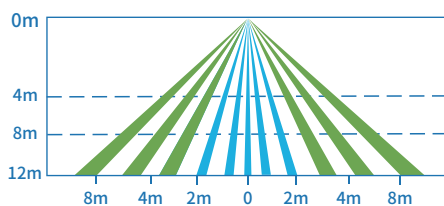
Wiring



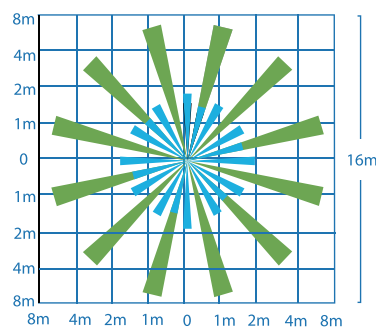
- Note: Please make sure the polarity of 0-10V signal of the sensor is correctly connected.

Coverage

• Coverage Side View



• Coverage Top View

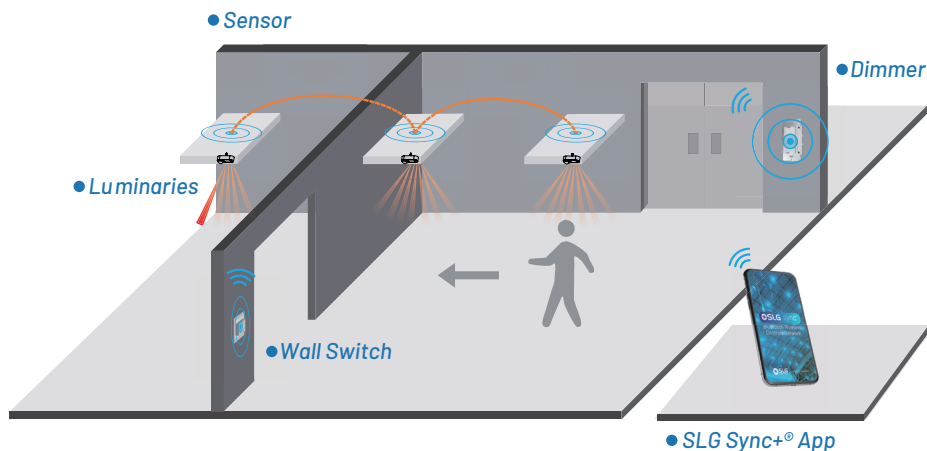


- The detection area for movement can be roughly divided into two parts:

■ Slow movement (person moving $<1.0' /s$ or $0.3m/s$)

■ Quick movement (person moving $>1.3' /s$ or $0.4m/s$)

Application



Installation Precautions

- Avoid areas with frequent temperature changes: Keep away from air conditioners, fans, refrigerators, ovens, and other objects that cause rapid temperature changes. The detection effectiveness of PIR motion sensors is closely related to temperature fluctuations, and vents or heat sources can lead to false alarms.
- Avoid areas with significant air flow.
- Avoid facing glass doors and windows directly:
 - 1) Do not face glass doors and windows directly to avoid interference from strong light.
 - 2) Avoid complex environments outside doors and windows, such as direct sunlight, crowds, and moving vehicles.
- Avoid installing opposite large, constantly moving objects: Large objects with significant motion can cause sudden changes in airflow within the detection area, leading to false alarms. Outdoor PIR motion sensors should not be installed opposite large trees or tall bushes.
- Avoid areas with screens, furniture, large potted plants, or other obstacles within the detection range.
- Avoid areas exposed to direct sunlight.

Federal Communications Commission (FCC) Statement. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received,

including interference that may cause undesired operation. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications made to this device not expressly approved by the manufacturer may void the FCC authorization to operate this device. Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

RF exposure statement:

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The device is installed and operated without restriction.