

## 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](http://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](http://www.slgus.com/slgsync) for How-to-Videos and a comprehensive commissioning guide.



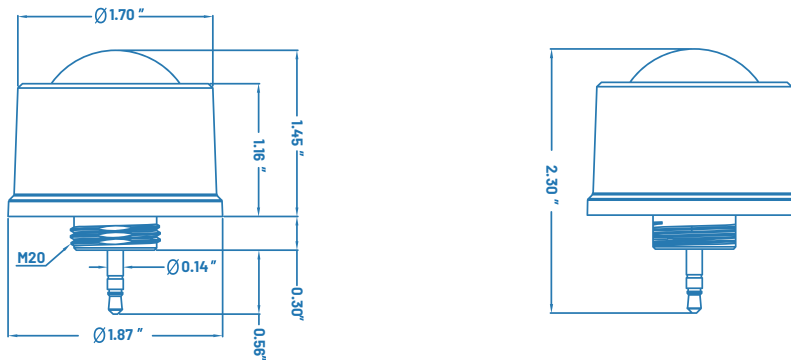
Due to continuous product improvements, specification and/or equipment updates may change without notice.

## Specifications:

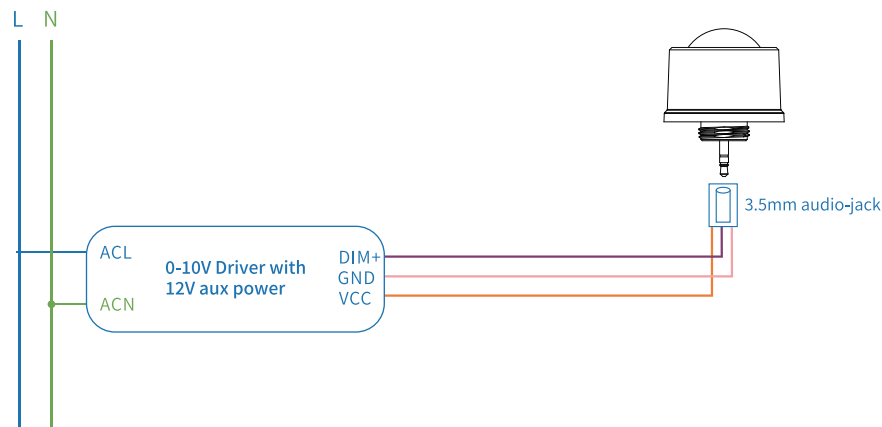
- **Input Voltage**  
12-24VDC
- **Mounting Height**  
40 ft. Max
- **Bluetooth Transmit**  
200 ft. Max
- **Detection Range**  
52 ft Max
- **Operating Temperature**  
-25°C to 55°C (-13°F to 131°F)
- **IP Rating**  
IP65
- **0-10V Signal Output**  
20mA
- **Radio Frequency**  
2.4 GHz +- 75 MHz
- **Detection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

## Dimensions

Unit: in



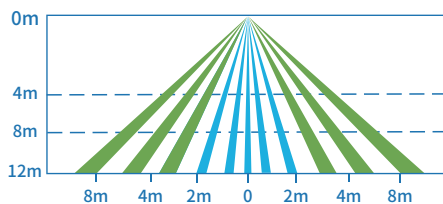
## Wiring



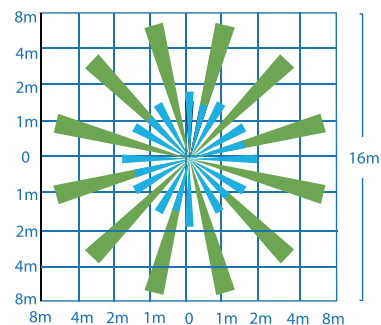
• Note: Please make sure the polarity of 0-10V signal of the sensor is correctly connected.

## Coverage

• Coverage Side View



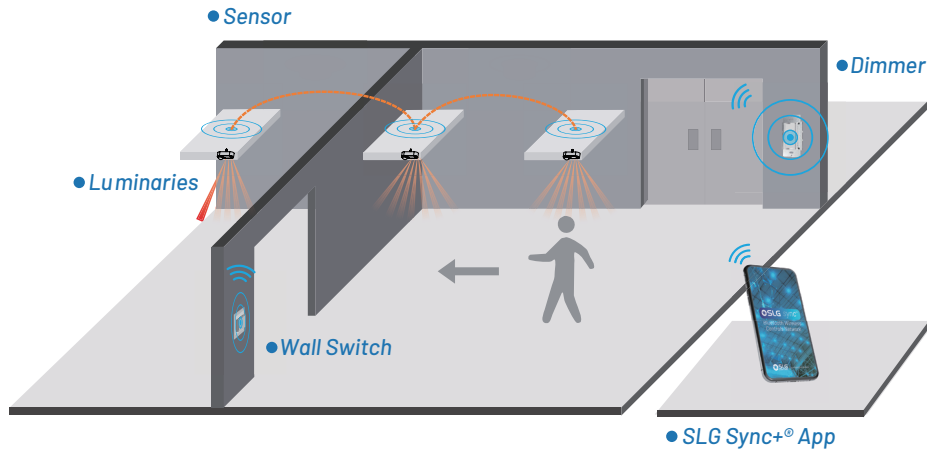
• Coverage Top View



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

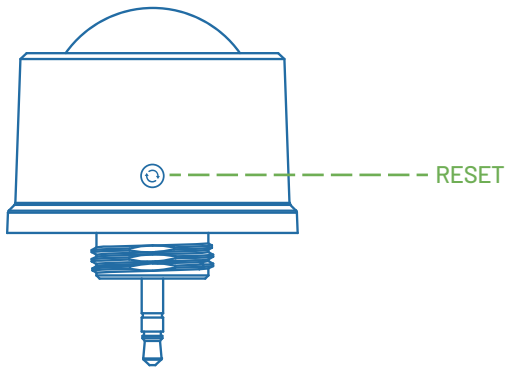
- Slow movement (person moving  $<1.0'$  /s or 0.3m/s)
- Quick movement (person moving  $>1.3'$  /s or 0.4m/s)

# 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.
- Use a magnet and keep the magnet touch the reset symbol on the sensor surface for 3 seconds until the indicator is flashing for reset the sensor.



Due to continuous product improvements, specification and/or equipment updates may change without notice.