



0-10V Ceiling Mounted PIR Sensor Controller

SR-IG9030A-PIR-V

Features

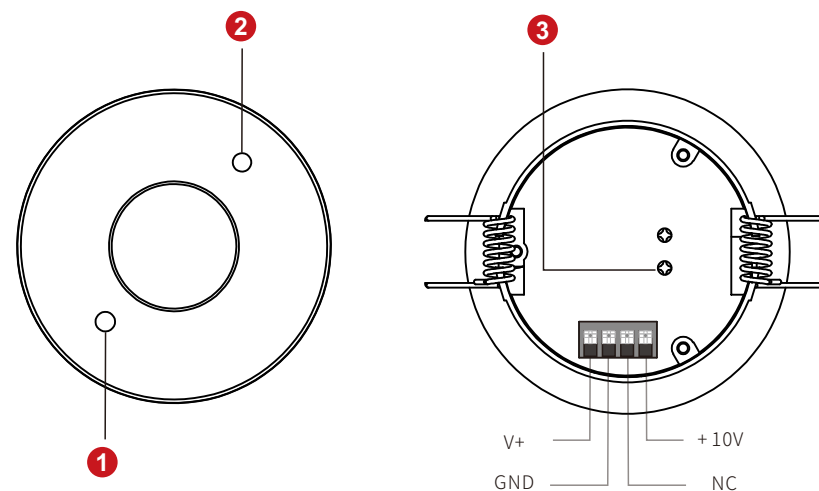
- 0-10V ceiling mounted sensor controller
- PIR sensing with daylight harvesting function
- Built-in 20mA 0-10V signal output
- Mesh network, which has a much longer control distance, transmits received signals to neighboring devices
- All devices on 0-10V line are broadcast controlled by mobile application
- Supporting our kinetic energy switches and EnOcean switches EWSSB and EWSDB
- In typical indoor environment, the range for wireless communication is 20m to 25m . Actual range is dependent on field installation.
- On-board antenna
- Available with Magnetic reset (Touch the top part of sensor for 5 seconds)
- Waterproof grade: IP20
- 5 years warranty



Parameters

Input	Power	12-24VDC
	Signal	Bluetooth
Output, 0/1-10V	Current	Max. 20mA
Control	Dimming Curve	Logarithmic
	Dimming Method	PWM
Environment	Operating Temperature	0°C~+45°C
	Relative Humidity	8% to 80%
Others	Size	See dimensions

Product info



- ① Light sensor: Ambient light detection and daylight harvesting.
- ② Presense indicator.
- ③ Reset Key: Long press it to help withdraw the device from the internet/APP LED flashes quickly indicating success.

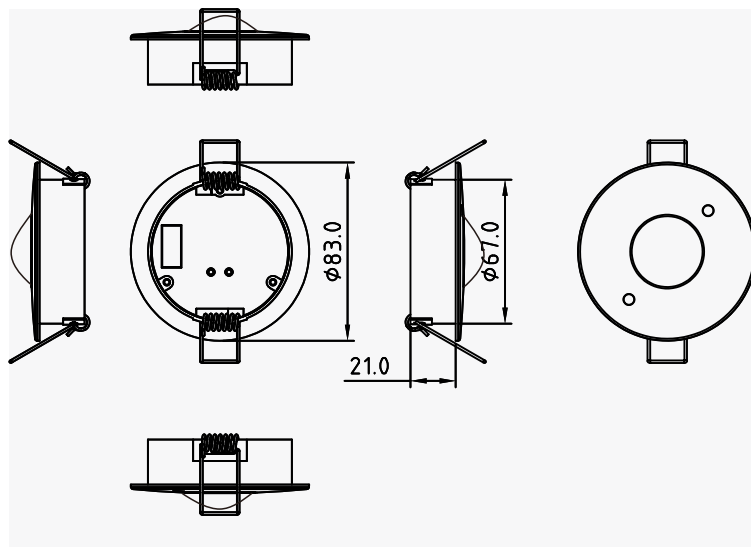




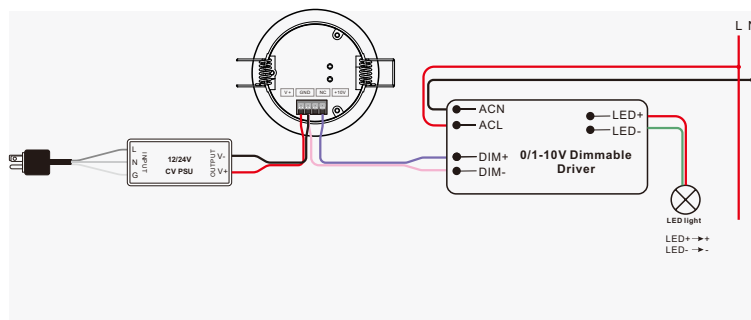
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Dimension



Wiring

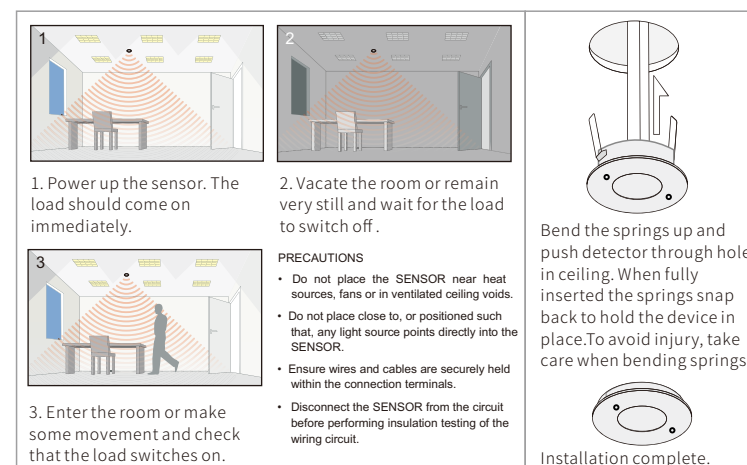


Operation

- Do wiring according to connection diagram.
- Press and hold down the "Reset" button on the controller over 5 seconds until the indicator flashes, which means it has been reset.
- Available with Magnetic reset (Touch the top part of sensor for 5 seconds).



Application



Specification

ENERGY SAVINGS

- Daylight harvesting
- Occupancy/Vacancy detection
- Testing height: 2.5m
- Detection area diameter: 8m @ 2.5m height

COMFORT & CONVENIENCE

- Advanced occupancy detections
- Personalized setting profile
- Work with kinetic switch keypad

SENSING

ENVIRONMENT & APPROBATION

- Operating temperature: 0°C to 45°C
- Agency approvals: UL Listed / FCC / RoHS / BQB...
- Warranty: 5 years

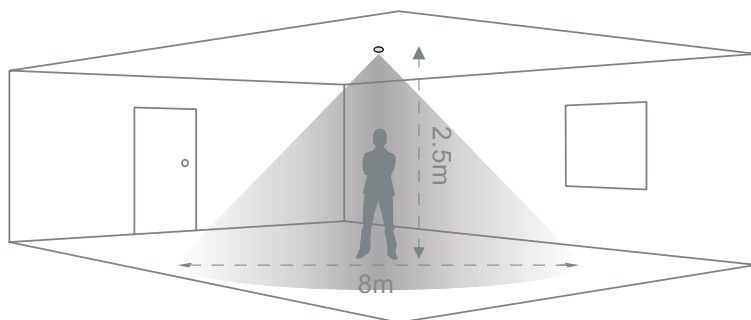


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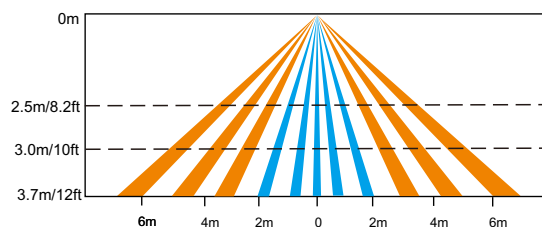
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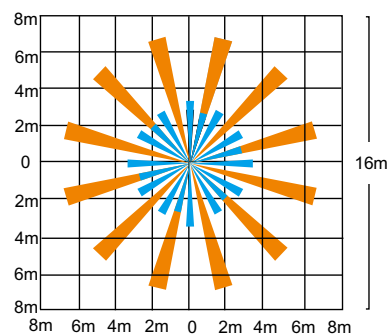
Detection Pattern



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 $0.4m/s$)

Warning

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

Update Log

Date	Version	Update Content	Update by
2024-4-29	V1.0	Initial Version	Romeo

Subject to change without notice. Please contact us if you have any questions.

