



0-10V Ceiling Mounted PIR Sensor Controller

SR-IG9030A-PIR-V

Features

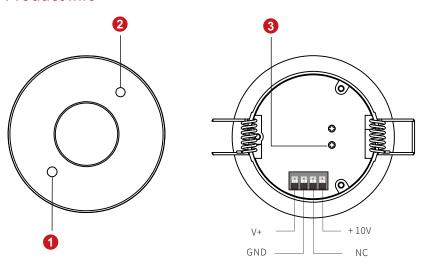
- 0-10V ceiling mounted sensor controller
- PIR sensing with daylight harvesting function
- Built-in 20mA 0-10V signal output
- Mesh network, which has a much longer control distance, transmits received signals to neighboring devices
- All devices on 0-10V line are broadcast controlled by mobile application
- 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





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



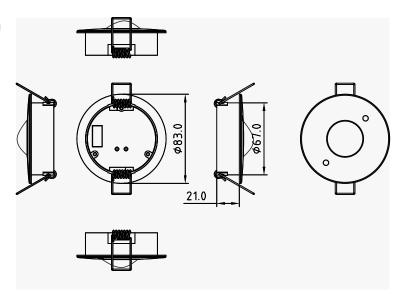
- 1 Light sensor: Ambient light detection and daylight harvesting.
- 2 Presense indicator.
- **3** Reset Key: Long press it to help withdraw the device from the internet/APP LED flashes quickly indicating success.



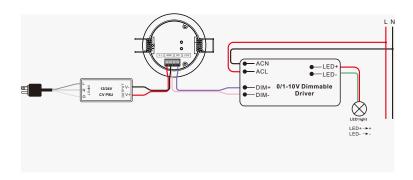
0-10V Ceiling Mounted PIR Sensor Controller

SR-IG9030A-PIR-V

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



1. Power up the sensor. The load should come on immediately.

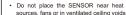


3. Enter the room or make some movement and check that the load switches on.

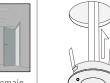


ne 2. Vacate the room or remain very still and wait for the load to switch off.

PRECAUTIONS



- Do not place close to, or positioned such that, any light source points directly into the SENSOR.
- Ensure wires and cables are securely held within the connection terminals.
- Disconnect the SENSOR from the circuit before performing insulation testing of the wiring circuit.



Bend the springs up and push detector through hole in ceiling. When fully inserted the springs snap back to hold the device in place. To avoid injury, take care when bending springs.



Installation complete

Specification ENERGY SAVINGS

- Daylight harvesting
- Occupancy/Vacancy detection •

COMFORT & CONVENIENCE

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

SENSING

- Testing height: 2.5m
- Detection area diameter: 8m @
 2.5m height

ENVIRONMENT & APPROBATION

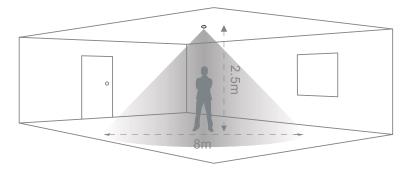
- Operating temperature: 0°C to 45°C
- Agency approbations: UL Listed /FCC/ RoHS/ BQB...
- Warranty: 5 years



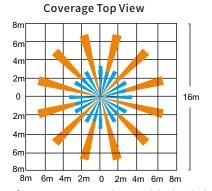
0-10V Ceiling Mounted PIR Sensor Controller

SR-IG9030A-PIR-V

Detection Pattern



2.5m/8.2ft 3.0m/10ft 6m 4m 2m 0 2m 4m 6m



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.