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# Passive Infrared (PIR) Ceiling Mounted Occupancy Sensor - 360°

Schneider Electric Ceiling Mounted Occupancy Sensors provide dependable occupancy detection for energy-saving lighting control solutions. The low voltage Passive Infrared (PIR) Ceiling Mounted Occupancy Sensor is central to a wide range of code-compliant applications. It can be used with Schneider Electric's Power Pack, Occupancy Controller, additional sensors, and dimming devices as needed to create the ideal lighting control solution. Additionally, it has an isolated relay contact for interfacing with HVAC, security, or building automation systems.

Using PIR technology, this device uses a direct line of sight to detect occupancy. Adhesive masking strips can be applied to the lens to manually limit the field of view. The PIR sensor is highly resistant to false on events.

Energy-saving features include a built-in light level sensor that keeps lights from turning on when ambient light already exceeds a set threshold. In addition to motion sensitivity, minimum time out delay can be set to best serve user preferences and energy-management goals. The sensor comes factory preset at the optimal time out value for energy efficiency and lamp life.

A flexible design makes the sensor easy to install. It can be mounted directly to a ceiling tile or an electrical box. An adapter plate for electrical boxes is included.

## > Applications

The Ceiling Mounted PIR Occupancy Sensor is available in two models:

- SLSCPS501: 360° Coverage for rooms up to 500 sq. ft. (46.45 sq. m). Ideal for small private offices, classroom cubby areas, and IT rooms.
- SLSCPS1001: 360° Coverage for rooms up to 1000 sq. ft. (92.90 sq. m). Ideal for vestibules, school supply rooms, and mail/copier rooms.
- PIR Sensors can be manually masked for 180° applications.

## > Features

- Adjustable PIR sensitivity dial
- Bypass On mode
- Adjustable time out delay setting
- Automatic adaptive timeout for convenience and energy savings
- Ambient light level sensor
- LED motion indicator
- Test mode for easy setup
- Isolated Class 2 relay



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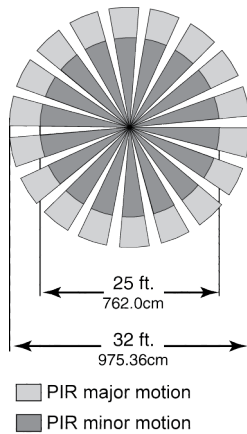
★ Visit [www.schneider-electric.us](http://www.schneider-electric.us)

Make the most of your energy <sup>SM</sup>

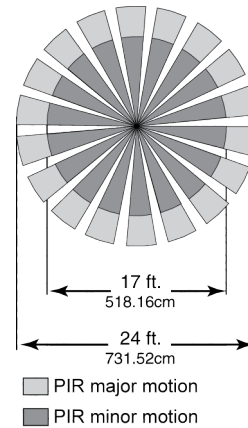
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Coverage Patterns - 9 ft. (274.32cm) Ceiling Height

360° Coverage Pattern - SLSCPS1001



360° Coverage Pattern - SLSCPS501



Specifications and Features

Description	SLSCPS1001	SLSCPS501
Coverage area	1000 sq. ft.	500 sq. ft.
Field of view	360°	
Ambient light level sensing	0.5-250 foot candles	
Adjustable time delay	15 sec.-30 min.	
Adjustable sensitivity	100-1000 sq. ft. (10-100% of max. coverage)	50-500 sq. ft. (10-100% of max. coverage)
Isolated relay	Form C contacts for Class 2 signaling	
LED motion indicators	1 (red)	1 (red)

Standards and Electrical Specifications

Standards	SLSCPS1001	SLSCPS501
	UL and cUL Listed FCC Part 15, Home and Office Use (Class B) California Title 24 Certified	
Specifications		
Current Consumption @ 24VDC*	Active: 16mA	Active: 16mA
Isolated relay	Contact rating: 1A @24Vdc Resistive	
Operating Temperature	32 to 122°F (0 to 50°C)	
Humidity	0 to 90% RH non-condensing	
*Control power must be provided by the Power Pack ~SLSP1277 or an approved equivalent.		

Ordering Information

Catalog Number	Description
SLSCPS1001	Ceiling Mounted Occupancy Sensor, Passive Infrared (PIR), 360°, 1,000 sq ft. coverage area
SLSCPS501	Ceiling Mounted Occupancy Sensor, Passive Infrared (PIR), 360°, 500 sq ft. coverage area

**Warranty:** All Schneider Electric lighting control devices are backed by a five-year warranty and expert support by factory-trained lighting control specialists.