

# WIRELESS CEILING MOUNT PASSIVE INFRARED AND PHOTO SENSORS

EN-SCPPH-0450-ZB / EN-SCPPH-1500-ZB / EN-SCPPH-HB-ZB

Three different lens options for a variety of coverages

Wireless communication



Multiple mounting options



## DESCRIPTION

The Wattstopper PLUS WCMS (Wireless Ceiling Mount Sensors) consist of Passive Infrared (PIR) and Photo Sensors which collect occupancy and daylight information from a lighted space and communicate collected data to the Wattstopper PLUS System over a wireless mesh network.

These Wireless PIR/Photo Sensors have been recognized as some of the smallest in the industry. Powered by 2 AA batteries with an extended battery life of 10 years, these sensors are intended to be installed onto a ceiling surface or electrical box.

Three configurations are available: up to 42 sq m (450 sq ft) range, up to 140 sq m (1,500 sq ft) range, or a high-bay option that covers up to 260 sq m (2,800 sq ft) with a mounting height of up to 12 m (40 ft). These sensors feature tool-less mounting options for easy installation and offer masking options to maximize control flexibility.

## FEATURES

- Available in three coverage options — 42 sq m (450 sq ft), 140 sq m (1,500 sq ft), and high-bay option
- Multiple mounting options available including magnetic mount on T-bar
- Enables contractors to quickly test wired installations

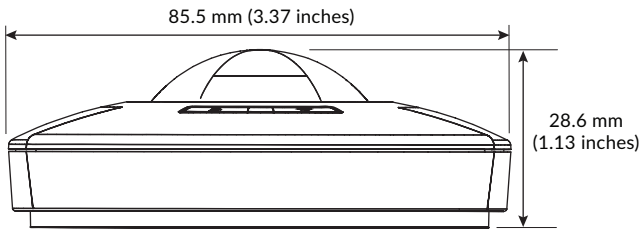
## SPECIFICATIONS

- Power Supply: 2 AA batteries
- Lens Types: Standard Range, Extended Range, High Bay
- Wireless Communication: up to 30 ft line of sight to repeater device, or 15 ft non-line of sight
- Operating Temperature
  - Standard Range & Extended Range: 32° to 104°F (0° to 40°C)
  - High Bay: 32° to 140°F (0° to 60°C)
- Relative Humidity: 0% to 95%, non-condensing
- Weight: 110 g (3.9 oz)
- Certifications
  - UL/CUL listed under UL916
  - FCC Part 15/ICES-003
  - CE, FCC, RoHS
  - Meets ASHRAE Standard 90.1 and CEC Title 24 requirements
- 5 year warranty

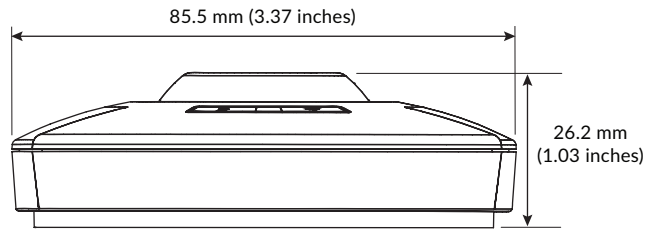
PROJECT		LOCATION/ TYPE	
---------	--	-------------------	--

## DIMENSIONS

**Standard Range Sensor**

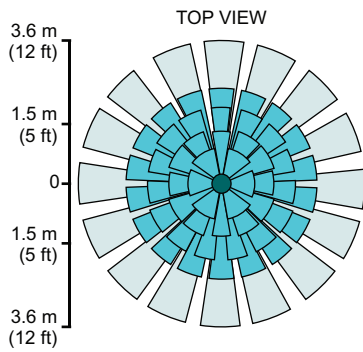


**Extended Range Sensor  
High-Bay Sensor**

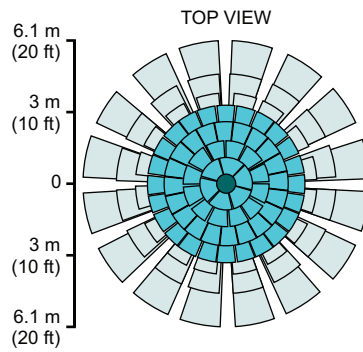


## SENSOR COVERAGE

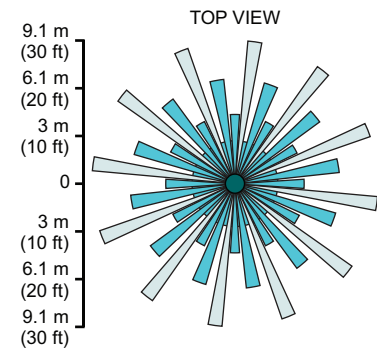
**EN-SCPPH-0450-ZB**



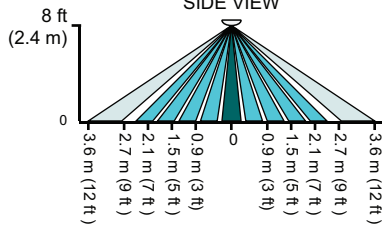
**EN-SCPPH-1500-ZB**



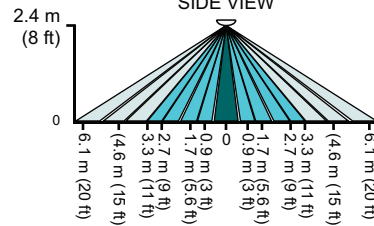
**EN-SCPPH-HB-ZB**



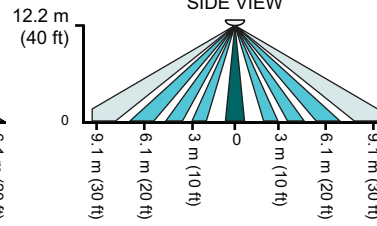
**Standard Range Sensor  
SIDE VIEW**



**Extended Range Sensor  
SIDE VIEW**



**High-Bay Sensor  
SIDE VIEW**

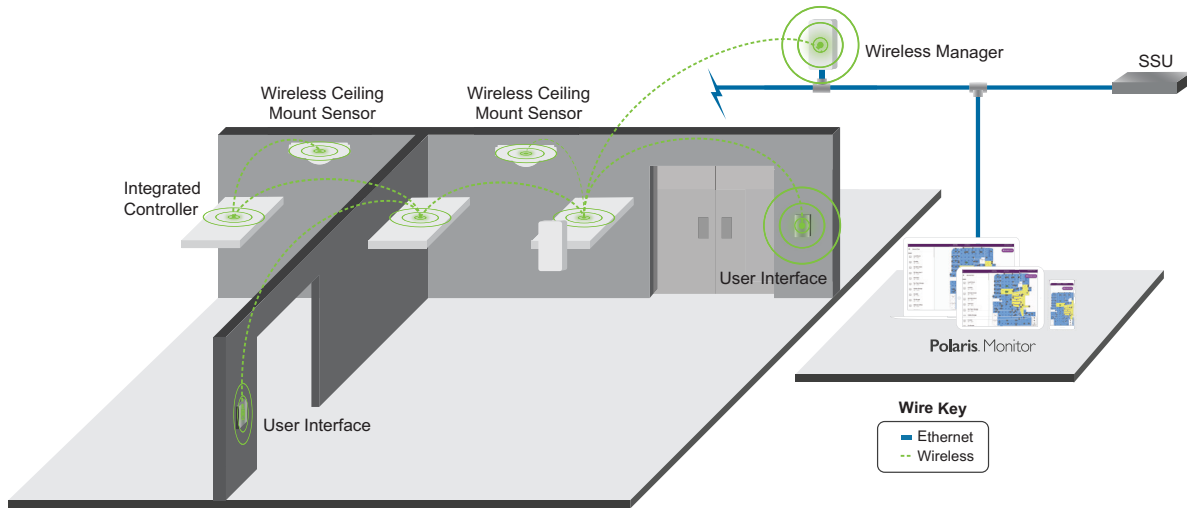


### High Bay Coverage

Mounting Height	Coverage
6 m (20 ft)	102 m <sup>2</sup> (~1,100 ft <sup>2</sup> )
9 m (30 ft)	167 m <sup>2</sup> (~1,800 ft <sup>2</sup> )
12 m (40 ft)	260 m <sup>2</sup> (~2,800 ft <sup>2</sup> )

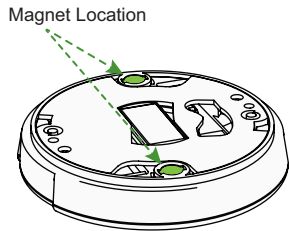
## SYSTEM OVERVIEW

This illustration shows how each component is easily integrated into the Wattstopper PLUS System.

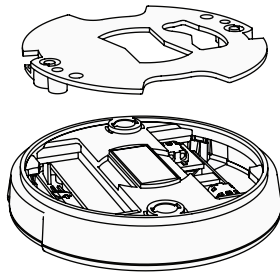


## MOUNTING

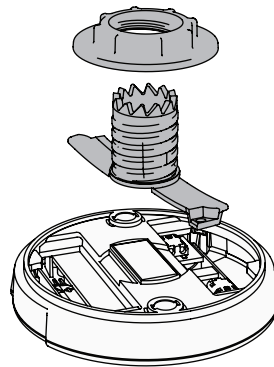
**Magnetic Mount**



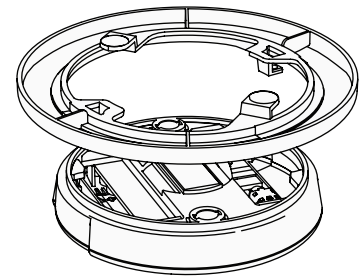
**Surface Mount**



**Ceiling Tile Mount**



**Junction Box Mount**



Ceiling Tile Mount and Junction Box Mount require optional mounting kit (sold separately).

## ORDERING INFORMATION

Catalog #	Description	Communication Network
EN-SCPPH-0450-ZB	Wireless Ceiling Mount Sensor, Standard Range	Wireless
EN-SCPPH-1500-ZB	Wireless Ceiling Mount Sensor, Extended Range	Wireless
EN-SCPPH-HB-ZB	Wireless Ceiling Mount Sensor, High Bay	Wireless
EN-SCPPH-MK-ZB	Ceiling Mount Kit	N/A