

Occupancy Sensor Infrared Aisle (Long Range) Sensor

OSWLR-IOW

The OSWLR-I Sensor combines PIR technology with a microprocessor based digital architecture. By eliminating false triggering, the sensor provides a trouble-free "install and forget" solution for lighting control.

THE OSWLR-I OCCUPANCY SENSOR

- PASSIVE INFRARED TECHNOLOGY (PIR)
- USE IN AISLES, LONG CORRIDORS AND HALLWAYS
- SIMPLE, FAST INSTALLATION
- SELF-ADJUSTING, SELF-CALIBRATING
- PHOTOCELL CONTROL
- MULTIPLE SENSOR AND POWER PACK CONNECTIONS
- 24VDC, CLASS 2 LOW VOLTAGE WIRING
- "TWIST-AND-LOCK BRACKET" INCLUDED

GENERAL OPERATION

Specifically designed for long, relatively narrow spaces such as hallways and corridors, the OSWLR-I Occupancy Sensor provides long range and high sensitivity.

The OSWLR-I Occupancy Sensor is a "long range" lens. This lens provides coverage up to 100 ft. when mounted 10 ft. above the floor. Can be mounted lower if needed.

The mounting base, provided with the sensor, allows quick and easy mounting in corners, on walls or on ceilings. The most common applications are factory storage areas, warehouse aisles and corridors.

FEATURES

Fast, Simple Installation: Easy base mount, three wire connection (low voltage) and twist-and-lock detector attachment.

Self-Adjusting: Internal microprocessor continually analyzes, evaluates and adjusts the infrared sensitivity. Performance is kept at a maximum and user complaints are eliminated.

Flexible Base Mounting: Supplied twist-and-lock base mount permits fast alignment. Supplied cover hides mounting hardware and wires. Can be used with raceways for hard surface installing. Wall or ceiling mount.

Range & Coverage: Up to 100 ft. for gross body motion or forklift. Max. 14 feet wide.

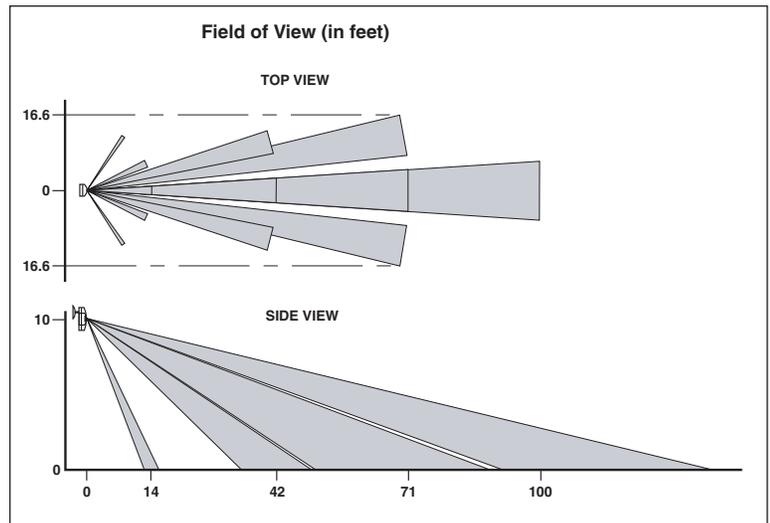


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Self Adjusting Timer: Timer is factory set at 10 minutes. User can easily select 30s - 30 min using internal controls. Sensor may increase timer automatically through self-adapting features to meet room or occupancy patterns.

Ambient Light Recognition: A photocell prevents lights from turning on when the room is adequately lit by natural light. Both "occupied" and low-light-level and occupied" lights-on control wires are supplied.

Non-Volatile Memory: Learned and adjusted settings saved in protected memory are not lost during power outages.



LEVITON SPECIFICATION SUBMITTAL

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Product Specifications

OSWLR-IOW

PRODUCT SPECIFICATIONS

Models			
Part Number	Lens Type	Coverage	Additional Features
OSWLR-I	Long Range	100', 14' Wide @ 10 ft. Height	Photocell

CONTROLS

Infrared Sensitivity: 0 to 100%: red knob (factory setting: 75%)

Photocell: Blue knob 20 to 3,000 Lux. Factory set at 3,000 Lux - (disable photocell).

DIP switch settings			
Switch	Bank A	Switch Functions	Switch Settings
		OFF	ON
A1	N/A		
A2	N/A		
A3	Manual Mode	Auto Adapting Enabled	Auto Adapting Disabled
A4	Walk-Thru Disable	Walk-Thru Enabled	Walk-Thru Disabled
	Bank B		
B1	Override to On	Auto Mode	Lights forced On
B2	Override to Off	Auto Mode	Lights forced Off
B3	Test Mode	OFF-ON-OFF	Enter/Exit Test Mode
B4	LED Disable	LEDS Enabled	LEDS Disabled

INDICATORS

Red LED Lamp: Infrared motion.

SPECIFICATIONS

Adaptive Functions: Auto reset from test mode, self-adjusting time delay. Learned occupancy patterns.

Construction: Housing: high-impact, injection molded plastic. Color coded wire leads are 6" long (16.24 cm).

Size & Weight: 6"H x 2"W x 1.5"D, 6 ounces (Excluding mounting hardware).

Infrared Sensing: High sensitivity 9.8 micron detector dual element.

Lens: multi element, long range.

Mounting Bracket: Wall or ceiling mounted, twist-and-lock swivel base.

Color: White.

Power Requirements: 24 VDC, 20 mA from the Cat. OSPxx power pack or OPB15 Power Base Adapter.

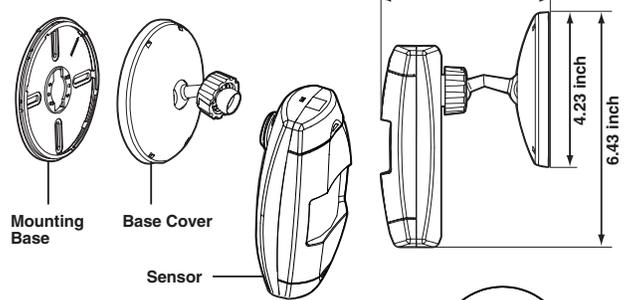
Output: 24 VDC active high logic control signal with short circuit protection.

Operating Environment: 32°F to 104°F, 0% to 95% relative humidity, non-condensing. For indoor use only.

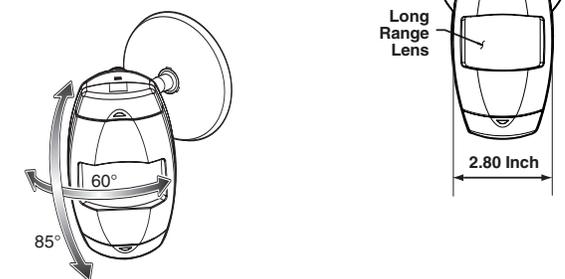
Warranty: 5 years.

**When the photocell function is not being used, connect the Blue Occupancy Sensor lead to the Blue Power Pack lead. When using the Photocell function, connect the Gray Occupancy Sensor lead to the Blue Power pack lead—Do not use the Blue Occupancy Sensor lead for the photocell function.*

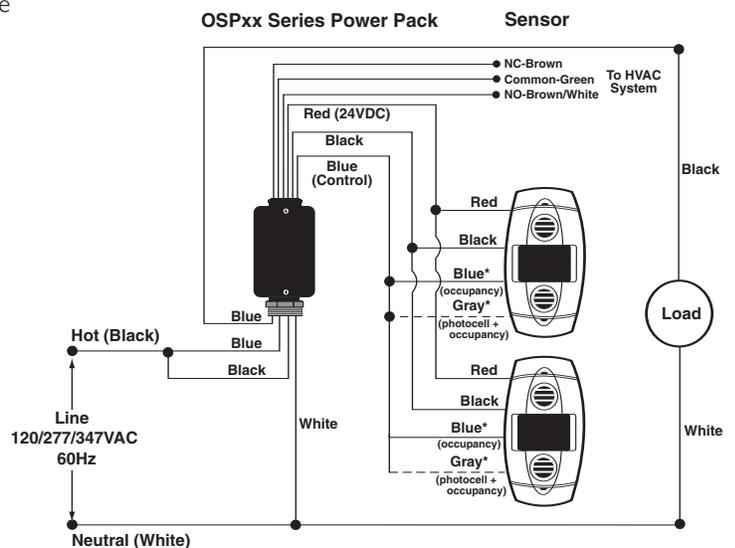
MOUNTING BRACKET



ADJUSTMENT RANGE



PHYSICAL WIRING



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