

## OSWWV-IOW



**UPC Code :** 078477188361

**Country Of Origin :** Please Contact Customer Service.

Wide-View, PIR, Occupancy Sensor lighting control, Wall Mounted, 24VDC, 25mA power consumption, 2500 sq ft, 115 degree (major motion: 68' radius, Minor motion: PIR 58'x30'), Red LED=PIR, Green LED=U/S, auto adapting, walk-through, time delay 30s-30m, test mode (6s time delay for 15m with auto exit), connect gray wire for photocell ambient light hold-off, 360 degree harmonic wheel (rotatable), mounting height 8'-10', Patented Canopy Knuckle for versatile wall and ceiling mounting options, cUL/NOM/ANCE listed, RoHS Compliant, Color: off-white.

The OSWWV-IOW is a low-voltage infrared occupancy sensor that works with the ospxx series power pack to automatically control lighting. By sensing moving infrared heat sources (people, forklifts, or other heat-emitting objects), the sensor automatically turns the lights on during occupancy, maintains lights-on and, after a time delay, turns the lights off when the space is vacated. The sensor uses a wide view (110-degrees) lens which detects large body motions over 50 ft. Away. Smaller motions such as hand movement can be detected up to 34 feet. An internal photocell allows the user to set the daylight override level. The mounting base, provided with the sensor, allows quick and easy mounting in corners, on walls or on ceilings using the "twist-and-lock" feature. The OSWWV-IOW mounts quickly to a wall or the ceiling using a supplied bracket. The sensor features excellent range and sensitivity to motion. Self-adjusting, circuitry makes the sensor "install & forget".

### Technical Information

#### Product Features

**Adjustment :** Self-Adjusting  
**Code Compliance :** California Title 24  
**Color :** White  
**Coverage (Sq.Ft.) :** 2500  
**Current Consumption :** 15mA  
**Housing Material :** High-Impact, Injection Moulded Plastic  
**Input Voltage :** 24VDC  
**LED Disable :** LEDS Enable/LEDs Disable  
**Load Rating :** Uses Power Pack  
**Made in USA :** No  
**Manual Time Adjustment :** 30s-30m, 6s Test Mode  
**Pattern Degrees :** 110  
**Photo Cell :** Ambient Override ON  
**Photo Cell Adjustment :** 20 to 3000 Lux  
**Photocell Factory Preset :** 3000 Lux (disable photocell)  
**Product Line :** OSWWV  
**Sensitivity Adjustment :** 0 to 100 Pct  
**Sensitivity Factory Preset :** Infrared 75 Pct  
**Sensor Technology :** Passive Infrared  
**Sensor Type :** Wall Mount  
**Standards and Certifications :** CUL/US Cert  
**Technology :** Passive Infrared  
**Timer Factory Preset :** 10 Minutes  
**True White :** No  
**Warranty :** 5-Year Limited

#### Electrical Specifications

**Current Consumption :** 15mA

**Input Voltage :** 24VDC

**Line Voltage :** No

**Load Rating :** Uses Power Pack

**Output Voltage :** 24VDC w/Short Circuit Protection

**Voltage :** 24 VDC

#### Standards and Certifications

**ANCE :** Compliant  
**ASHRAE :** Standard 90.1 Compliant  
**CUL/US :** Listed 9034  
**Code Compliance :** California Title 24  
**FCC :** Compliant  
**NAFTA Compliant :** No  
**NOM :** 057  
**Operating Humidity :** 0 Pct to 95 Pct Relative, Non-Condensing  
**Operating Temperature :** 32F to 104F 0C to 40C

#### Mechanical Specifications

**Color :** White  
**Coverage (Sq.Ft.) :** 2500  
**Housing Material :** High-Impact, Injection Moulded Plastic  
**Isolated Relay :** No  
**LED Indicator :** Red Infrared Motion  
**Major Motion Area :** 68X50 Feet  
**Minor Motion Area :** 32X32 Feet  
**PIR Lens Type :** Wide View  
**Pattern Degrees :** 110  
**Photo Cell :** Ambient Override ON  
**Sensor Technology :** Passive Infrared  
**Sensor Weight :** 6oz/171g  
**Wire Leads :** Color Coded 6 Inch

## Features and Benefits

- 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
- Self-adjusting settings continuously analyze and adjust infrared sensitivity, timer operation, and long term performance
- Adjustable swivel neck rotates 80 degrees vertically and 60 degrees horizontally. Can be used for ceiling or wall mounting
- Ambient light override prevents lights from turning on when there is ample natural light
- Self-Adjusting delayed-off time interval settings for 30 seconds to 30 minutes. Compensates for real-time occupancy patterns- preventing unnecessary on/off switching
- Non-volatile memory preserves all automatic and manual settings during power outages.
- Fast, simple installation using 3 color-coded low-voltage wires and a single mounting post
- Excellent 5-Year Limited warranty
- Typical Applications: Work Areas, Storage Areas, Store Rooms, Indoor Garages, Open Office Area with pendant fixtures, Multi-Purpose Areas, Cafeterias, Gymnasiums and Stairwells

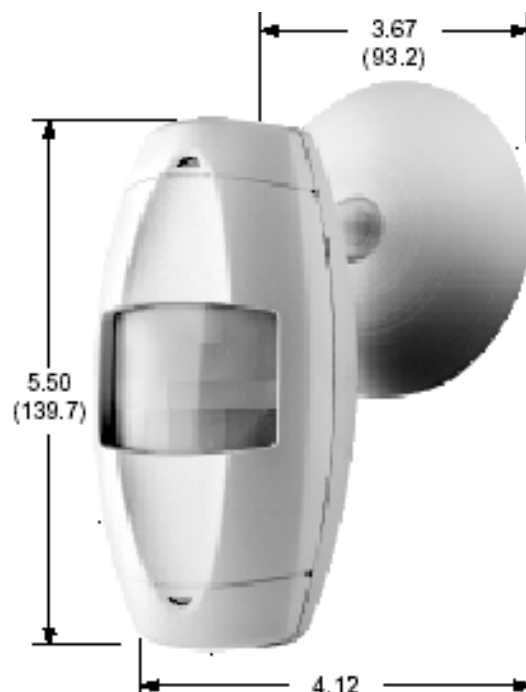
## Patents\*

US7211798

USD548125

USD511705

\*This list is provided for patent marking purposes only. A good faith effort is made to maintain the accuracy and completeness of this list. No legal inference should be drawn from the omission of a patent from this list.



## SPECIFICATION SUBMITTAL

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