

OSW12-M0W



UPC Code: 078477186459

Country Of Origin: Please Contact Customer Service.

Multi-Technology, Occupancy Sensor, Wall Mounted, 24VDC, 25mA power consumption, 1200 sq ft, 115 degree (major motion: PIR 68' radius, Minor motion: PIR 60'x30', U/S 32'x32'), 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, Color: off-white.

The OSW12-M Occupancy Sensor uses ultrasonic sensing for maximum motion sensitivity and infrared sensing for highest lights-off reliability. The sensor continually analyzes and adjusts to changing conditions. The OSW12-M Occupancy Sensor uses the latest microprocessor-based technology which permits the detector to continually adjust and optimize its performance. The detector requires a 24 volt OSPxx Series power pack. By combining ultrasonic and infrared technology, the OSW12-M Occupancy Sensor provides excellent small motion sensitivity (US) and error immunity (IR). The mounting base, provided with the sensor, allows quick and easy mounting in corners, on wall or on ceilings. With ultrasonic and infrared sensing, this top-of-the-line sensor provides the highest-degree of immunity to false tripping. Auto-adapting circuitry fine-tunes delay settings for "install and forget" simplicity.

Technical Information

Product Features

Adjustment: Self-Adjusting
Code Compliance: California Title 24
Color: White
Coverage (Sq.Ft.): 1200
Current Consumption: 25mA
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: OSW12
Sensitivity Adjustment: 0 to 100 Pct
Sensitivity Factory Preset: Ultrasonic 50 Pct Infrared 75 Pct
Sensor Technology: PIR/Ultrasonic 40kHz
Sensor Type: Wall Mount
Single/Multi-Tech Mode: Switchable ON/OFF PIR/ULTRA
Standards and Certifications: CUL/US Cert
Technology: Multi-Technology PIR/Ultrasonic
Timer Factory Preset: 10 Minutes
True White: No
Warranty: 5-Year Limited

Line Voltage: No

Load Rating: Uses Power Pack

Output Voltage: 24VDC w/Short Circuit Protection

Voltage: 24 VDC

Mechanical Specifications

Coverage (Sq.Ft.): 1200

Isolated Relay: No

Major Motion Area: 68X50 Feet

Minor Motion Area: 32X32 Feet

Operating Humidity: 0 Pct to 95 Pct Relative, Non-Condensing

Operating Temperature: 32F to 104F 0C to 40C

Pattern Degrees: 110

Photo Cell: Ambient Override ON

Sensor Technology: PIR/Ultrasonic 40kHz

Wire Leads: Color Coded 6 Inch

Standards and Certifications

ANCE: Compliant

ASHRAE: Standard 90.1 Compliant

CUL/US: Listed 9034

Code Compliance: California Title 24

Color: White

FCC: Compliant

Housing Material: High-Impact, Injection Moulded Plastic

LED Indicator: Red Infrared Motion & Green Ultrasonic Motion

NAFTA Compliant: No

NOM: 057

PIR Lens Type: Multi-Element Long Range

Qty of Transducer Pairs: 1

Electrical Specifications

Current Consumption: 25mA

Input Voltage: 24VDC

Sensor Weight: 6oz/171g

Transducer Size: 16 mm Diameter

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, Office Executive, Classrooms, Conference Rooms, Open Office Area with pendant fixtures, File Rooms, Computer Rooms, Multi-Purpose Areas, Cafeterias, Gymnasiums, Large Partitioned Restrooms and Stairwells

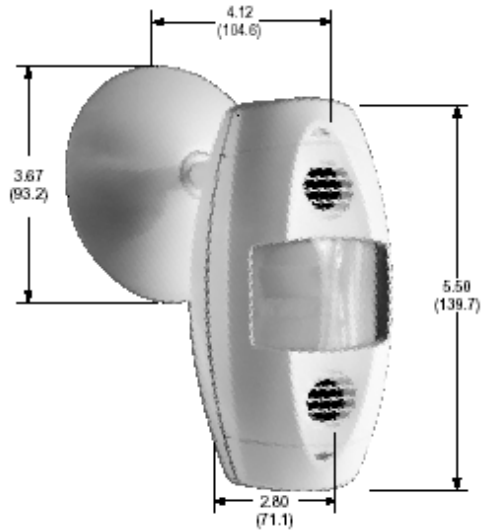
Patents*

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

JOB NAME:	CATALOG NUMBERS:	
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