

OSW12-M0W

Occupancy and Vacancy Sensors



UPC Code: 07847718645

Country of Origin: Please Contact Customer Service

Brand Features

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.

Item Description

Sensor Type: Multi-Technology Wall Corner, Coverage Range Sq. Ft.: 1200 Sq. Ft., Pattern Degrees: 110, Title 24 Compliant: Yes, Grade: Commercial, Color: Off-white

Technical Information

Control Specifications

Adjustment: Self-Adjusting
Manual Time Adjustment: 30s-30m, 6s Test Mode
Timer Factory Preset: 10 Minutes
Sensitivity Adjustment: 0 to 100 Pct
Sensitivity Factory Preset: Ultrasonic 50 Pct Infrared 75 Pct
Photo Cell Adjustment: 20 to 3000 Lux
Photocell Factory Preset: 3000 Lux (disable photocell)
Single/Multi-Tech Mode: Switchable ON/OFF PIR/ULTRA
LED Disable: LEDS Enable/LEDS Disable

Electrical Specifications

Input Voltage: 24VDC
Current Consumption: 25mA
Output Voltage: 24VDC w/Short Circuit Protection
Load Rating: Uses Power Pack

Environmental Specifications

Operating Temperature: 32F to 104F 0C to 40C
Operating Humidity: 0 Pct to 95 Pct Relative, Non-Condensing

Material Specifications

Color: White
Housing Material: High-Impact, Injection Moulded Plastic
LED Indicator: Red Infrared Motion & Green Ultrasonic Motion
PIR Lens Type: Multi-Element Long Range
Qty of Transducer Pairs: 1
Transducer Size: 16 mm Diameter
Sensor Weight: 6oz/171g

Product Features

Sensor Type: Multi-Technology Wall Corner
Adjustment: Self-Adjusting
Sensor Technology: PIR/Ultrasonic 40kHz
Pattern Degrees: 110
Coverage (Sq.Ft.): 1200 Sq. Ft.
Manual Time Adjustment: 30s-30m, 6s Test Mode
Load Rating: Uses Power Pack
Input Voltage: 24VDC
Current Consumption: 25mA
Photo Cell: Ambient Override ON
Color: White
Standards and Certifications: CUL/US Cert
Warranty: 5-Year Limited
Housing Material: High-Impact, Injection Moulded Plastic
Code Compliance: California Title 24

Standards and Certifications

CUL/US: Listed 9034
ANCE: Compliant
NOM: 057
Code Compliance: California Title 24
ASHRAE: Standard 90.1 Compliant
FCC: Compliant

Mechanical Specifications

Sensor Technology: PIR/Ultrasonic
40kHz

Pattern Degrees: 110

Coverage (Sq.Ft.): 1200 Sq. Ft.

Major Motion Area: 68X50 Feet

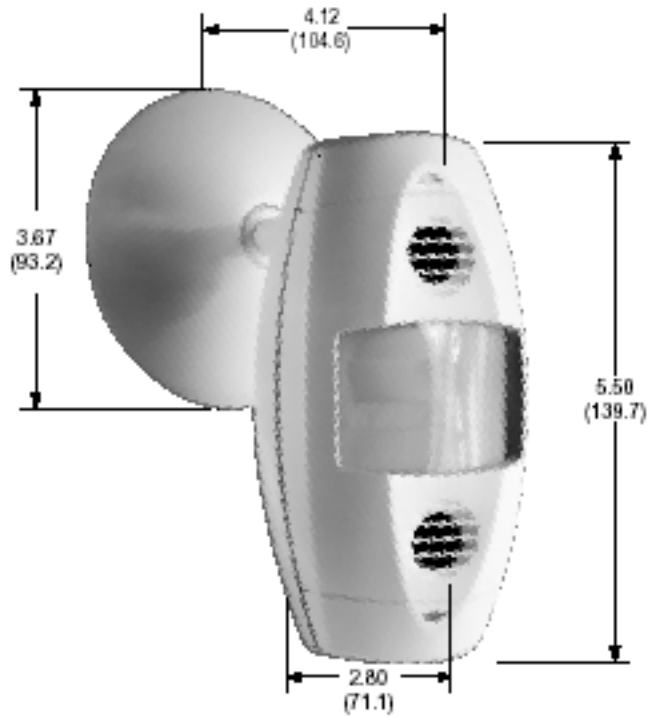
Minor Motion Area: 32X32 Feet

Wire Leads: Color Coded 6 Inch

Photo Cell: Ambient Override ON

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



SPECIFICATION SUBMITTAL

JOB NAME:	CATALOG NUMBERS:	
JOB NUMBER:		

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