

ODS10-IDI

Occupancy Sensor, PIR, Wall Switch, 2100SF, 120-277V, Ivory, Decora®

Occupancy Sensor, PIR, AutoON/AutoOFF (ManualON/AutoOFF selectable) Lighting Control, Vandal resistant, Manual Wall Switch. Robust Single Latching 10A Relay, No-Neutral wire required, 120/208/220/230/240/277VAC, 50/60hz, Field of View 2100 sq ft (Motion: Major 60'x40'; Minor 40'x20'), Dual Pyrometers for true 180 degree view with Blinders (32 degree block on each side), Adjustable time delay between 30s-30m, Light Sensor (Photocell) included for Ambient Light Hold-Off feature. CEC Title 20/24 Compliant, UL Listed, RoHS Compliant, Wall plate sold separately. Color: Ivory

The ODS10 uses passive infrared (PIR) detection technology to monitor a room for occupancy through a segmented Fresnel lens. This specialized lens divides the field-of-view into sensor zones. When a person passes into or out of a sensor zone, the sensor detects motion and switches the lights ON. The lights will remain ON as long as there is an occupant moving through the sensor zones.



UPC Code : 078477010198

Country Of Origin : Please Contact Customer Service.

Available Colors :



Black



Grey



Light Almond



White

Technical Information

Product Features

Application : Small offices, Conference rooms, Lounges, Classrooms

Color : Ivory

Grade : Commercial

Mounting : Wall Switch

Product Line : ODS10

Sensor Technology : Passive Infrared (PIR)

Sensor Type : Occupancy

Time Delay : 30s-30m

Standards and Certifications

California Title 24 : Yes

Listings : UL listed/CSA certified, can be used to comply with ASHRAE 90.1, and Title 24, Part 6 occupancy sensing control requirements and FCC regulations, NOM certified

Performance Specifications

Coverage (Sq.Ft.) : 2100

Pattern : 180°

Electrical Specifications

Frequency : 50/60Hz

Load Rating : Fluorescent: 1200VA @ 120V 2700VA @ 277V - Incandescent: 800W @ 120V Motor: 1/4 HP @ 120V

Neutral Wire Connection : Not Required

Standby Power : 120V - 100mW, 277V - 250mW

Voltage : 120-277 VAC

Wiring : Line-Black, Load-Blue, Ground-Green, No Neutral required

Mechanical Specifications

Mounting Type : Wall Switch

Size : Height 4.06" (103.2mm), Width 1.75" (44.4mm), Depth 1.83" (47mm), Install Depth 1.35" (34.4mm), Install Height 2.60" (66.2mm)

Switch Type : Single-Pole

Environmental Specifications

Operating Temperature : 0°C to 50°C

Relative Humidity : 20% to 90% non-condensing

Storage Temperature Range : 14° to 185°F (-10° to 85°C)

Type

Product Type : Occupancy Sensor

Warranty

Warranty : 5-Year Limited

Features and Benefits

- Fits in standard wallbox and replaces single-pole wall switch. Gangable with other units.
- Low-profile design eliminates obtrusive "scanning-device" look. Elegant Decora styling complements any interior; uses Decora wallplates and coordinates with Leviton's popular line of Decora wiring devices.
- 180° field-of-view provides approximately 2100 square feet of coverage suitable for small offices, conference rooms, classrooms, lounges and a variety of

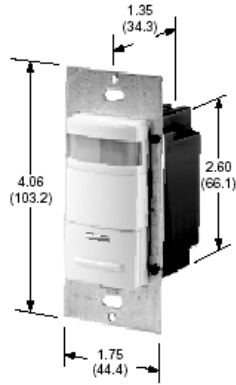
commercial areas.

- Convenient pushbutton provides manual-ON/OFF light switching at any time.
- Two dual element PIR sensors used to widen detection range.
- Segmented Fresnel lens provides optimum sensitivity and performance. Designed with an extensive "minor motion" area where even slight body movements will be detected.
- Vandal resistant PIR lens.
- Horizontal field-of-view may be adjusted between 180° and 60° of arc by using integral blinders located on either side of the lens. No masking tape required.
- Manual-ON/auto-OFF mode for installations where manual-ON switching is required but auto-OFF switching is still desired for CEC Title 24 energy savings.
- To comply with T24, red LED indicator light flashes when sensor detects motion to verify detection is active.
- Time Delay adjustment for delayed-OFF time set-tings of 30 seconds (for walking test), 10 minutes, 20 minutes, and 30 minutes. Allows customized adjustments to maximize energy savings.
- Light Sensor Adjustable Ambient Light Override ranges from approximately 2 foot-candles (20 lux) to 500+ foot-candles (5000+ lux) to prevent lights from turning ON automatically during periods of ample natural light, increasing energy savings.
- Light sensor enables the load hold-OFF feature once level has been set.
- Vacancy confirmation - when the time out expires and the lights turn OFF a 30 second vacancy confirmation exists to turn the lights back ON.
- False detection circuitry.
- Presentation Mode feature for slide or film presentations allows push buttons to turn lights OFF and keep them OFF while the room is occupied.
- One unit can be used for 120V through 277V lighting. Compatible with both electronic and magnetic ballasts.
- Relay switches at the zero crossing point of the AC power curve to ensure maximum contact life and compatibility with electronic ballasts.
- Exclusive Leviton H.I.S. Circuitry. Specifically designed to handle today's high inrush electronic ballast loads and offer unmatched durability and service.
- No neutral design is optional for retrofit applications.

Patents*

US6031750

*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:	
JOB NUMBER:		

Leviton Manufacturing Co., Inc.

201 North Service Road, Melville, NY 11747

Telephone: +1-800-323-8920 · FAX: +1-800-832-9538 · Tech Line (8:30AM-7:30PM E.S.T. Monday-Friday): +1-800-824-3005

Leviton Manufacturing of Canada, Ltd.

165 Hymus Boulevard, Pointe Claire, Quebec H9R 1E9 · Telephone: +1-800-469-7890 · FAX: +1-800-824-3005 · www.leviton.com/canada

Leviton S. de R.L. de C.V.

Lago Tana 43, Mexico DF, Mexico CP 11290 · Tel.: (+52)55-5082-1040 · FAX: (+52)5386-1797 · www.leviton.com.mx

Visit our Website at: www.leviton.com

© 2021 Leviton Manufacturing Co., Inc. All Rights Reserved. Subject to change without notice.

Leviton has a global presence.

If you would like to know where your local Leviton office is located please go to: www.leviton.com/international/contacts/

