ODS10-IDI

AutoON/AutoOFF PIR Occupancy Sensor (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.

Technical Information

<table>
<thead>
<tr>
<th>Standards and Certifications</th>
<th>Product Features</th>
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</thead>
<tbody>
<tr>
<td>California Title 24: Yes</td>
<td>Color: Ivory</td>
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<td>Color: Ivory</td>
<td>Coverage (Sq.Ft.): 2100</td>
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<tr>
<td>Coverage (Sq.Ft.): 2100</td>
<td>Product Line: ODS10</td>
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<tr>
<td>Neutral Wire Connection: Not Required</td>
<td>Sensor Type: Wall Switch</td>
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<tr>
<td>Product Line: ODS10</td>
<td>Technology: Passive Infrared</td>
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<tr>
<td>Switch Type: Single-Pole</td>
<td>Electrical Specifications</td>
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<tr>
<td>Technology: Passive Infrared</td>
<td>Frequency: 50/60Hz</td>
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<tr>
<td>Voltage: 120/277 VAC</td>
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</tbody>
</table>

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 settings 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.
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