



Color :  White

UPC Code : 078477425626

Country Of Origin : China

Available Colors :



Ivory

Smart Sensor, PIR, 0-10V Dimming Wallbox Occupancy Sensor /Vacancy Sensor, App configurable, 120-277VAC, Commercial Grade, White

Smart Sensor, PIR, Wallbox, 0-10V Dimming, App configurable; Auto-ON/Auto-OFF or Manual-ON/Auto-OFF, neutral wire required, 120/208/220/230/240/277VAC, 50/60Hz, Commercial Grade, White. Wall plate sold separately.

The Leviton Dimming Smart Sensor is designed for use with 0-10V ballasts. Lighting levels can be adjusted using the dimming bar next to the switch. The ODD10-IDx uses Passive Infrared (PIR) detection technology to monitor a room for occupancy using a segmented, tamper resistant lens. When a person passes in or out of a sensor zone, the sensor detects motion and switches the lights ON. The lights will remain ON as long as an occupant moves through the sensor zones and after the timeout expires. The ODD10-IDx features a vacancy mode for Manual- ON/Auto-OFF operation, ideal for installations where manual-ON switching is required for energy code applications. Configuration of the ODD10-IDx is made using the Leviton Smart Sensor App on a smartphone or other Bluetooth-enabled Android or iOS device. Simple configuration can also be applied using pushbutton setup for several common pre-configured options. The ODD10-IDx integrates a photocell for daylighting hold-OFF which can be programmed using the Leviton Smart Sensor App. ***Ideal for non-residential and commercial spaces up to 1,100 SF including offices, meeting rooms, and lobbies.***

Do you have a question about an occupancy sensor or vacancy sensor?

Frequency : 50/60Hz

Input Current : 120V: Standby: 0.2W Max: 0.5W+Load Current
- 277V: Standby: 0.3W Max: 0.6 W+Load Current

Load Rating : General
Purpose @ 120V: 10A -
General Purpose @ 277V: 10A
- LED/Electronic Ballast @
120V: 8A, - LED/Electronic
Ballast @ 277V: 5A - Standard
Ballast @ 120V: 10A -
Standard Ballast @ 277V: 10A
- Tungsten @ 120V: 6.67A -
Tungsten @ 277V: 6.67A -
Motor @ 120V: 1/4HP (FLA 5.8
A) - Motor @ 277V: 1/3HP
(FLA 3.0A)

Operating Temperature : 0°C
to 40°C

Storage Temperature Range :
-40° to 185°F (-40° to 85°C)

Neutral Wire Connection :
Required

Voltage : 120-277 VAC

Mechanical Specifications

IP Rating : IP10

Mounting Type : Wall Switch

Size : Height 4.13" (104.9mm),
Width 2.12" (53.95mm), Depth
1.86" (47.25mm), Install Depth
1.42" (36.22mm)

Switch Type : Single-Pole

Performance Specifications

Coverage (Sq.Ft.) : 1100

Pattern : 180°

Product Features

Application : Offices, Lobbies,
Small Meeting Rooms

Color : White

Feature : App configurable

Grade : Commercial

Mounting : Wall Switch

Product Line : ODD10

Sensor Technology : Passive
Infrared (PIR)

Sensor Type : Occupancy /
Vacancy

Standards and Certifications

Listings : IECC, UL and cUL
listed, FCC, ICC

Testing and Code

Compliance : Can be used to
comply with ASHRAE 90.1,
IECC and Title 24, Part 6
occupancy/vacancy sensing
and dimming requirements

Type

Product Type : Smart Sensor
with Dimming

Warranty

Warranty : 5-Year Limited

Features and Benefits

- Can be used to comply with IECC, ASHRAE 90.1, and 2019 Title 24, Part 6 occupancy/vacancy sensing and dimming requirements
- Fits in a standard wallbox and gangable with other units
- ODD24-IDW is designed for use with a power pack (OPP20 or OSA20) or other Leviton low voltage (24V) source
- 180° field-of-view provides approximately 1,100 square feet of coverage
- Maximum sensing distance in front of the sensor is 30-40 feet and 15-20 feet on either side
- Advanced configuration can be performed using the Leviton Smart Sensor App on any Bluetooth enabled Android or iOS device: Set operating mode to Auto-ON/Auto-OFF or Manual-ON/Auto-OFF
 - Adjust the sensitivity of the sensor to increase or decrease coverage area
 - Adjust timeouts
 - Activate the nightlight and select nightlight colors
 - Add daylighting hold-off and select target daylighting hold-off levels
- Set a security code to lock configuration settings

- _ Configure dimming options such as Partial-ON, Partial-OFF, and Partial-OFF timeouts
- Out-of-the-box configuration default mode:
 - Auto-ON/auto-OFF with 10-minute time out
 - Sensitivity set to 75%
 - Nightlight and daylighting hold-off disabled

SPECIFICATION SUBMITTAL

JOB NAME: 	CATALOG NUMBERS: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border: 1px solid black; height: 20px;"></td> <td style="width: 50%; border: 1px solid black; height: 20px;"></td> </tr> <tr> <td style="width: 50%; border: 1px solid black; height: 20px;"></td> <td style="width: 50%; border: 1px solid black; height: 20px;"></td> </tr> </table>				
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: +1-800-461-2002 ·

FAX: +1-800-824-3005 ·

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 ·

Visit our Website at: www.leviton.com

© 2026 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/company/about-leviton/locations

© 2026 Leviton Manufacturing Co., Inc.