

## Occupancy Sensor - Commercial Grade In-Wall Dual Tech Occupancy/Vacancy Sensor, White

Item IOS-DOV-DT-WH



### PRODUCT DESCRIPTION

The IOS-DOV-DT series Dual Technology Occupancy Sensors In-Wall sensor switch controls a load based on occupancy, vacancy and ambient light levels. It combines passive infrared (PIR) and ultrasonic technologies to help avoid false triggering while increasing presence detection. Selectable modes allow the sensor to turn load ON and hold it ON as long as either or both technologies detect occupancy. If no movement is detected for a user-specified time of 15 seconds to 30 minutes, the load is turned OFF. The sensor provides a 180° coverage pattern, up to 1200 ft<sup>2</sup> (110m<sup>2</sup>) for PIR and 400 ft<sup>2</sup> (37m<sup>2</sup>) for Ultrasonic sensor.

### FEATURES

- ▶ Ultrasonic and Passive Infrared (PIR) sensing for presence detection, even in areas with partitions and/or with small movements
- ▶ Coverage: 180°, 1200 ft<sup>2</sup> PIR, 400 ft<sup>2</sup> Ultrasonic
- ▶ Zero-crossing technology for long life and performance
- ▶ Adjustable time delay
- ▶ Optional walk-through detection mode
- ▶ Adjustable ambient light sensor override
- ▶ Incandescent/Fluorescent/CFL/LED compatible
- ▶ Requires neutral connection
- ▶ Fits standard decorator wall plate (included)
- ▶ Adjustable Sensitivity Settings: 30% - 100%

### APPLICATIONS

- ▶ Indoor Sensing Control

### TECHNICAL DATA

General	
Model Number	IOS-DOV-DT-WH
Description	Commercial Grade In-Wall Dual Tech Occupancy/Vacancy Sensor, White
UPC Code	078275148369
Brand	Intermatic
Warranty Period	2-Year limited
Country of Origin (Intermatic)	CHINA
Control Specifications	
Sensor Switch Type	Occupancy; Vacancy
Sensor Technology	Dual (PIR/Ultrasonic); Zero-crossing
Has Walk-Through Detection	Yes
Ultrasonic Coverage Area (sq ft)	400
PIR Coverage Area (sq ft)	1200
Application Compatibilities	Incandescent; Fluorescent; CFL; LED
Adjustable Ambient Light Level Detection	10 fc to daylight
Adjustable Time Delay	15 sec to 30 min
Adjustable Sensitivity Settings	30%-100%
Mechanical Specifications	
PIR Coverage Pattern (degrees)	180
Maximum Mounting Height (ft)	4 ft
Mount Type	In-Wall

Dimensions	
Product Height (in)	2.625
Product Height (mm)	67
Product Width (in)	1.313
Product Width (mm)	33
Product Depth (in)	1.75
Product Depth (mm)	44

Material Specifications	
Color	White
Includes Wall Plate	Yes
Finish	Gloss

Load Ratings	
Electronic Ballast LED	600 VA, 120 VAC; 1385 VA, 277 VAC
Motor Load Ratings Ranges	1/4 HP, 120 VAC
Tungsten Incandescent Load Ratings NO Ranges	800 W, 120 VAC

Electrical Specifications	
Input Voltage Range(s)	120/277 VAC, 50/60 Hz
Occupancy Sensor Power Type	Line Voltage
Neutral Connection Required	Yes
Watts	800
Hz	50/60

Packaging	
Shipping Weight (lbs)	0.4
Shipping Weight (kg)	0.181
Unit Carton Dimensions (H x W x L) in	4.75 x 3 x 2.125 in

Environmental Specifications	
Temperature (operation)	32 - 131°F / 0 - 55°C

Standards and Certifications	
UL Certification	cULus
Other Certifications and Compatibilities	Title 20; Green Energy +
California Proposition 65	None
RoHS Certification	N/A