

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

Item IOS-DOV-WH



### PRODUCT DESCRIPTION

The passive infrared sensors work by detecting the difference between heat emitted from the human body in motion and the background space. The sensor switch can turn a load ON and hold it as long as the sensor detects occupancy. After no motion is detected for the set time delay, the load turns OFF automatically. The sensor switch has one relay (equal to single pole switch), it also includes Ambient Light Level Sensor.

### FEATURES

- ▶ Passive Infrared (PIR) sensing for presence detection
- ▶ Coverage: 180°, 1200 ft2 with non-obstructed views
- ▶ User-selectable Vacancy or Occupancy switch mode
- ▶ Zero-crossing technology for long life and performance
- ▶ Adjustable ambient light sensor override
- ▶ Incandescent/Fluorescent/CFL compatible
- ▶ IOS-DOV models require a neutral connection
- ▶ Fits standard decorator wall plate (included)
- ▶ Adjustable Sensitivity Settings: (30% - 100%)
- ▶ Automatic ON/OFF Control

### APPLICATIONS

- ▶ Indoor Sensing Control

### TECHNICAL DATA

General	
Model Number	IOS-DOV-WH
Description	Commercial Grade In-Wall PIR Occupancy/Vacancy Sensor, White
UPC Code	078275125209
Brand	Intermatic
Warranty Period	5-Year limited
Country of Origin (Intermatic)	CHINA
Control Specifications	
Sensor Switch Type	Occupancy; Vacancy
Sensor Technology	PIR (Passive Infrared); Zero-crossing
Adjustable Time Delay Min	15 sec
Adjustable Time Delay Max	30 min
Adjustable Light Level Min	30 lux
Adjustable Light Level Max	Daylight
PIR Coverage Area (sq ft)	1200
Application Compatibilities	Incandescent; Fluorescent; CFL
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

**Load Ratings**

Tungsten Range(s)	800 W
Resistive Load Ratings Ranges	12 A
Motor Load Ratings Ranges	1/4 HP
Ballast Ranges	800 VA

**Electrical Specifications**

Input Voltage Range(s)	120 VAC, 60 Hz
Occupancy Sensor Power Type	Line Voltage
Number of Circuits	1
Neutral Connection Required	Yes
Watts	800
Hz	60
Amperage	20 A

**Packaging**

Shipping Weight (lbs)	0.399
Shipping Weight (kg)	0.181
Unit Carton Dimensions (H x W x L) in	5 x 2.25 x 3 in

**Environmental Specifications**

Temperature (operation)	32 - 131°F / 0 - 55°C
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**Standards and Certifications**

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