

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 ft2 (110m2) for PIR and 400 ft2 (37m2) 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 ft2 PIR, 400 ft2 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 |
| Tungsten Range(s)             | 800 W, 120 VAC                    |
| Resistive Load Ratings Ranges | 800 W, 120 VAC                    |
| Motor Load Ratings Ranges     | 1/4 HP, 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                      |