

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

Item IOS-DOV-NL-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/LED compatible
- ▶ IOS-DOV models require a neutral connection
- ▶ Fits standard decorator wall plate (included)
- ▶ Adjustable time delay
- ▶ Adjustable sensitivity settings (30 - 100%)

APPLICATIONS

- ▶ Indoor Sensing Control

TECHNICAL DATA

| General | |
|--|---|
| Model Number | IOS-DOV-NL-WH |
| Description | Commercial Grade In-Wall PIR Occupancy/Vacancy Sensor with Nighlight, White |
| UPC Code | 078275125575 |
| Brand | Intermatic |
| Warranty Period | 5-Year limited |
| Country of Origin (Intermatic) | CHINA |
| Control Specifications | |
| Sensor Switch Type | Occupancy; Vacancy with Nightlight |
| Sensor Technology | PIR (Passive Infrared); Zero-crossing |
| Has Nightlight | Yes |
| PIR Coverage Area (sq ft) | 1200 |
| Application Compatibilities | Incandescent; Fluorescent; CFL; LED |
| Adjustable Ambient Light Level Detection | 30 lux 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 | 800 VA |
| Tungsten Range(s) | 800 W, 120 VAC |
| Motor Load Ratings Ranges | 1/4 HP, 120 VAC |

Electrical Specifications

| | |
|-----------------------------|--------------------|
| Input Voltage Range(s) | 120/125 VAC, 60 Hz |
| Occupancy Sensor Power Type | Line Voltage |
| Number of Circuits | 1 |
| Neutral Connection Required | Yes |
| Watts | 800 |
| Hz | 60 |
| Amperage | 10 A |

Packaging

| | |
|---------------------------------------|-----------------|
| Shipping Weight (lbs) | 0.4 |
| 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 |
|-------------------------|-----------------------|

Standards and Certifications

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