

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

Item IOS-DOV-NL-IV



### 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)
- ▶ Automatic ON/OFF Control
- ▶ Adjustable time delay
- ▶ Adjustable sensitivity settings

### APPLICATIONS

- ▶ Indoor Sensing Control

### TECHNICAL DATA

| General                        |   |
|--------------------------------|---|
| Model Number                   | IOS-DOV-NL-IV   |
| Description                    | Commercial Grade In-Wall PIR Occupancy/Vacancy Sensor with Nighlight, Ivory |
| UPC Code                       | 078275125582  |
| Brand                          | Intermatic  |
| Warranty Period                | 5-Year limited  |
| Country of Origin (Intermatic) | CHINA   |
| Application Compatibilities    | Incandescent; Fluorescent; CFL; LED   |
| Market                         | Commercial; Industrial; Residential; Utility                                |

| 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                              |
| Has Nighlight              | Yes                                   |
| PIR Coverage Area (sq ft)  | 1200                                  |

| Mechanical Specifications      |         |
|--------------------------------|---------|
| Mount Type                     | In-Wall |
| PIR Coverage Pattern (degrees) | 180     |

Maximum Mounting Height (ft) 4 ft

#### Dimensions

|                     |        |
|---------------------|--------|
| Product Height (in) | 2.625  |
| Product Height (mm) | 67     |
| Product Width (in)  | 1 5/16 |
| Product Width (mm)  | 33     |
| Product Depth (in)  | 1.75   |
| Product Depth (mm)  | 44     |

#### Material Specifications

|                     |       |
|---------------------|-------|
| Color               | Ivory |
| Includes Wall Plate | Yes   |

#### Load Ratings

|                                  |        |
|----------------------------------|--------|
| Electronic Ballast LED           | 800 VA |
| Resistive Heater                 | 10 A   |
| Inductive Load Ratings Ranges    | 800 VA |
| Motor Load Ratings Ranges        | 1/4 HP |
| Ballast Fluorescent Ranges       | 800 VA |
| Tungsten (Incandescent) Range(s) | 800 W  |

#### Electrical Specifications

|                             |                |
|-----------------------------|----------------|
| Input Voltage Range(s)      | 120 VAC, 60 Hz |
| Occupancy Sensor Power Type | Line Voltage   |
| Number of Circuits          | 1              |
| Neutral Connection Required | Yes            |

#### 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        |
| California Proposition 65                | None            |
| Epi Certifications                       | Title 20; cULus |