**INTERMATIC**

# Occupancy Sensor - Residential In-Wall PIR Vacancy Sensor, White

Item IOS-DPBV-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. Once the sensor switch is manually turned ON, it can turn a load ON and hold it as long as the sensor detects any motion. After no motion is detected for the set time delay, the load is turned OFF automatically. The sensor switch has one relay (equal to single pole switch); no minimum load requirements.

## FEATURES

► Passive Infrared (PIR) sensing for presence detection
► Adjustable PIR sensitivity
► Adjustable time delay 15 sec to 30 min
► Adjustable ambient light sensor override for occupancy switch models
► Coverage: 180º, 700 ft2 with non-obstructed views
► IOS-DPBIF and IOS-DPBV models are Incandescent/Fluorescent/CFL/LED compatible and require a neutral connection
► 'No neutral' models offered for retrofit applications
► Fits standard decorator wall plate (included)
► Automatic OFF after time delay expires with manual "OFF" option
► Meets California Title 20 Requirements

## APPLICATIONS

► Indoor Sensing Control

## TECHNICAL DATA

| General | |
|---|---|
| Model Number | IOS-DPBV-WH |
| Description | Residential In-Wall PIR Vacancy Sensor, White |
| UPC Code | 078275149076 |
| Brand | Intermatic |
| Warranty Period | 2-Year limited |
| Country of Origin (Intermatic) | CHINA |
| Application Compatibilities | CFL; Fluorescent; Incandescent |
| Market | Commercial; Industrial; Residential; Utility |

| Control Specifications | |
|---|---|
| Sensor Switch Type | Vacancy |
| Sensor Technology | PIR (Passive Infrared); Zero-crossing |
| Adjustable Time Delay Min | 15 sec |
| Adjustable Time Delay Max | 20 min |
| Adjustable Light Level Min | 25 fc |
| Adjustable Light Level Max | Daylight |
| PIR Coverage Area (sq ft) | 980 |

| Mechanical Specifications | |
|---|---|
| Mount Type | In-Wall |
| PIR Coverage Pattern (degrees) | 180 |
| Maximum Mounting Height (ft) | 4 ft |

## Dimensions

| | |
|---|---|
| Product Height (in) | 2.75 |
| Product Height (mm) | 70 |
| Product Width (in) | 1 7/16 |
| Product Width (mm) | 37 |
| Product Depth (in) | 1.625 |
| Product Depth (mm) | 41 |

## Material Specifications

| | |
|---|---|
| Color | White |
| Includes Wall Plate | Yes |

## Load Ratings

| | |
|---|---|
| Electronic Ballast LED | 800 VA |
| Resistive Load Ratings Ranges | 10 A |
| Inductive Load Ratings Ranges | 500 VA |
| Motor Load Ratings Ranges | 1/4 HP |
| Ballast Fluorescent Ranges | 500 VA |
| Tungsten (Incandescent) Range(s) | 800 W |
| Resistive Heater | 10 A |

## Electrical Specifications

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

## Packaging

| | |
|---|---|
| Shipping Weight (lbs) | 0.3 |
| Shipping Weight (kg) | 0.136 |
| Unit Carton Dimensions (H x W x L) in | 4.9 x 3 x 2.25 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 |

Technical specifications and other information are subject to change without notice. Images can vary from original.

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