

Occupancy Sensor - Commercial Grade Self-Adaptive In-Wall PIR Occupancy/Vacancy Sensor, No Neutral Required, White, Mexico Sales Only

Item IOS-DSR-WHMX

**NOM**

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 Auto Set and Walk Through features.

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
- ▶ Automatic self-adaptive time delay based on occupancy patterns
- ▶ IOS-DSR/DDR models feature optional walk-through detection mode
- ▶ Adjustable ambient light sensor override
- ▶ Incandescent/Fluorescent/CFL/LED compatible
- ▶ IOS-DOV models require a neutral connection
- ▶ Fits standard decorator wall plate (included)

APPLICATIONS

- ▶ Indoor Sensing Control

TECHNICAL DATA

| General | |
|--|--|
| Model Number | IOS-DSR-WHMX |
| Description | Commercial Grade Self-Adaptive In-Wall PIR Occupancy/Vacancy Sensor, No Neutral Required, White, Mexico Sales Only |
| UPC Code | 078275125186 |
| 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 |
| Has Walk-Through Detection | 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, 120/125 VAC; 1600 VA, 277 VAC |
| Tungsten Range(s) | 800 W, 120/125 VAC |
| Motor Load Ratings Ranges | 1/4 HP, 120/125 VAC |

Electrical Specifications

| | |
|-----------------------------|--------------------|
| Input Voltage Range(s) | 120/277 VAC, 60 Hz |
| Occupancy Sensor Power Type | Line Voltage |
| Number of Circuits | 1 |
| Neutral Connection Required | No |
| Watts | 800 |
| Hz | 60 |
| Amperage | 10 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 |
|-------------------------|-----------------------|

Standards and Certifications

| | |
|--|------|
| Other Certifications and Compatibilities | NOM |
| California Proposition 65 | None |
| RoHS Certification | N/A |