

## Occupancy Sensor - Commercial Grade High Bay Ceiling Mount PIR Occupancy Sensor, White, Mexico Sales Only

Item IOS-HB-UMX

**NOM**

### PRODUCT DESCRIPTION

The IOS-HB-U occupancy sensor is designed for automatic lighting control in high bay applications, such as warehouses, distribution centers, gymnasiums, and areas with direct access to the lighting fixtures, specifically for indoor locations. This product contains a passive infrared sensor (PIR) and is made up of two parts: a control module and a lens.

### FEATURES

- ▶ Passive Infrared (PIR) sensing for presence detection
- ▶ Two lenses included
- ▶ Coverage: 1200 ft<sup>2</sup> (Lens 1) or 2800 ft<sup>2</sup> (Lens 2) when mounted at 15 to 50 ft
- ▶ Zero-crossing technology for long life and performance
- ▶ Adjustable ambient light sensor override
- ▶ Incandescent/Fluorescent/CFL/LED compatible

### APPLICATIONS

- ▶ Indoor Sensing Control

### TECHNICAL DATA

#### General

|                                |  |
|--------------------------------|--|
| Model Number                   | IOS-HB-UMX   |
| Description                    | Commercial Grade High Bay Ceiling Mount PIR Occupancy Sensor, White, Mexico Sales Only |
| UPC Code                       | 078275139923   |
| Brand                          | Intermatic   |
| Warranty Period                | 2-Year limited   |
| Country of Origin (Intermatic) | CHINA  |

#### Control Specifications

|                             |                                     |
|-----------------------------|-------------------------------------|
| Sensor Switch Type          | Occupancy                           |
| Sensor Technology           | PIR (Passive Infrared)              |
| Adjustable Time Delay Min   | 15 sec                              |
| Adjustable Time Delay Max   | 30 min                              |
| Adjustable Light Level Min  | 10 fc                               |
| Adjustable Light Level Max  | 150 fc                              |
| PIR Coverage Area (sq ft)   | 1200 (Lens 1), 2800 (Lens 2)        |
| Application Compatibilities | Incandescent; Fluorescent; CFL; LED |

#### Mechanical Specifications

|                                       |                  |
|---------------------------------------|------------------|
| PIR Coverage Pattern (degrees)        | 360              |
| PIR Lens 2 Coverage Pattern (degrees) | 360              |
| Maximum Mounting Height (ft)          | 15-50 ft         |
| Mount Type                            | Ceiling; Fixture |

#### Dimensions

|                     |      |
|---------------------|------|
| Product Height (in) | 2.75 |
| Product Height (mm) | 70   |

|                       |     |
|-----------------------|-----|
| Product Diameter (in) | 4   |
| Product Diameter (mm) | 102 |

**Material Specifications**

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

**Load Ratings**

|  |                                       |
|--|---------------------------------------|
| Tungsten Range(s)                      | 800 W, 120/125 VAC                    |
| Resistive Load Ratings Ranges          | 10 A, 120/125 VAC                     |
| Motor Load Ratings Ranges              | 1/4 HP, 120/125 VAC                   |
| Electronic Ballast Load Ratings Ranges | 800 VA, 120/125 VAC; 1600 VA, 277 VAC |

**Electrical Specifications**

|                             |                    |
|-----------------------------|--------------------|
| Input Voltage Range(s)      | 120/277 VAC, 60 Hz |
| Occupancy Sensor Power Type | Line Voltage       |
| Hz                          | 60                 |

**Packaging**

|                                       |                   |
|---------------------------------------|-------------------|
| Shipping Weight (lbs)                 | 0.599             |
| Shipping Weight (kg)                  | 0.272             |
| Unit Carton Dimensions (H x W x L) in | 3.5 x 4.25 x 5 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  |