

IOS-HB-U Series Occupancy Sensor

The IOS-HB-U Occupancy sensor incorporates passive infrared technology to detect occupancy and ambient light levels in a specific area. When occupancy is detected, the lighting or device will automatically turn ON. When the presence is no longer detected and the adjustable time delay expires, the lighting or device automatically turns OFF. The Occupancy sensor also features an Ambient light sensor that keeps lighting or device from turning on whenever the ambient light level meets or exceeds the user-adjusted level.

Features

- Passive Infrared Technology
- Two Lens included for greater coverage
 - Lens A: 1200 sq./ft.
 - Lens B: 2800 sq./ft.
- Line Voltage 120 VAC - 277 VAC
- Ambient light sensor
- Time delay OFF ranging from 15 seconds to 30 minutes
- ISO9001 Registered manufacturing facility
- California Title 24 Compliant
- UL/cUL Listed device
- 360° Fresnel Lens

Ratings

Time Delay:	15 Seconds to 30 Minutes
Operating Temperature:	30°F to 122°F (-1°C to 50°C)
Input Voltage:	120 VAC - 277 VAC
Light Level:	10 FC - 150 FC

Switch Ratings:

Tungsten:	800W, 120 VAC
Fluorescent:	800 VA, 120 VAC 1600 VA, 277 VAC
Motor:	1/4 HP, 120 VAC
Coverage:	Lens A: 1200 sq./ft., 360° Lens B: 2800 sq./ft., 360°
Warranty:	Limited 2 year
Dimensions:	Lens A: ø 4.53" x 2.51" H Lens B: ø 4.53" x 2.77" H

Project: _____

Location: _____

Product Type: _____

Contact/Phone: _____

Model #: _____



Specification

The commercial grade, decorator, single load PIR 120 VAC ceiling mount sensor for the incandescent/electronic fluorescent sensor shall be capable of detecting presence in the control area by detecting changes in infrared energy. The sensor shall utilize zero crossing circuitry to reduce stress on the relay and increase sensor life. The sensor shall have no minimum load requirement and shall be capable of switching from 0 to 800 Watt incandescent, 0 to 800 Watt fluorescent, or ¼ HP @ 120 VAC, 50/60Hz. The sensor shall cover up to 1,200 sq. ft. for walking motion, with a field view of 360 degrees. The sensor has a time delay range of 15 seconds to 30 minutes. In Automatic Mode, the sensor shall be capable of automatically returning to Automatic-ON after lights are turned OFF manually. The sensor shall utilize an Ambient Light Sensor to prevent the wall sensor from switching lights ON whenever the ambient light level meets or exceeds the user-adjusted level. The sensor shall have a standard 2-year warranty and shall be UL and CUL listed. The sensor shall be Intermatic model _____(IOS-HB-U).