OMNI° Low Voltage Passive Infrared Ceiling Sensor

CEILING MOUNT OCCUPANCY SENSORS











OMNIIR

PROJECT INFORMATION

Project Name

Catalog No. Date

The *OMNIIR* uses passive infrared (PIR) technology to turn lighting on and off based on occupancy. Designed specifically for areas with long-range major-motion activity, this sensor features Hubbell Controls' patented IntelliDAPT® technology, which makes all the sensor adjustments automatically.

Throughout the product's lifespan, *IntelliDAPT* software analyzes the controlled area and makes digital adjustments to sensitivity and timer settings.

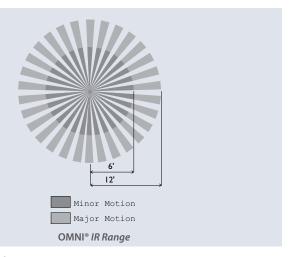
Occupancy sensors with *IntelliDAPT* technology provide a maintenance-free installand-forget operation.

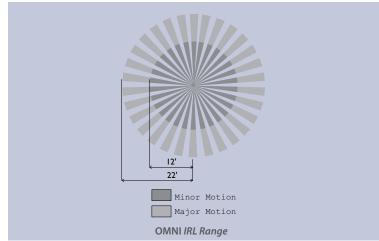
PRODUCT FEATURES

- IntelliDAPT self-adaptive technology—no manual adjustment required
- · All-digital passive infrared (PIR) sensor
- Non-volatile memory for sensor settings
- 450 1,500 square-foot coverage area (depending on model)
- · Optional relay and photocell control
- · Optional Quick to Install (QTI) connector
- UL and cUL listed
- California Title 24 compliant
- · Five-year limited warranty
- · Low voltage device: 24 Vdc









General Specifications

IntelliDAPT® Technology Auto reset from test setting

Self-adjusting timer

Self-adjusting passive infrared thresholds Automatic false-on/false-off corrections

LED lamp Red - infrared motion

Timer timeout Automatic mode: 8–30 min. (self-adjusts based on occupancy)

Test mode: 8 seconds (for an easy check at installation)

Passive infrared (PIR) Dual-element pyrometer and 12-element cylindrical rugged lens

RP option Relay and photocell included

Relay: N/O + N/C contacts; SPDT; 500 mA rated @ 24VDC; three-wire isolated relay

Photocell: adjustable natural-light override ranges from 0 to $\,$

100 foot-candles (0–1,000 lux)

Coverage 450 - 1,500 square feet

Power requirements 24VDC, 33mA (uses UVPP and MP- Series power pack- not included)

Output 24 VDC active high-logic control signal with short circuit protection and optional dry contact

(see RP options)

Operating environment Indoor use only

Operating temperature: 32° to 104°F (0° to 40°C) Relative humidity (non-condensing): 0% to 95%

Construction Casing - rugged, high-impact, injection-molded plastic KJB ABS

Cycolac (UL-945VA) flame class rating, UV inhibitors

Color-coded leads are 6" long

Dimensions 4.5" diameter, 1.5" height (114 mm diameter, 38mm height)

 Weight
 5.0 oz (142g)

 Color
 Off-white

Mounting Mounting base provided

Recommended mounting height: 8ft with a max mounting height of 12ft.

Certifications UL and cUL listed Warranty Five years

Ordering Information

