OMNI® Low Voltage Passive Infrared Ceiling Sensor

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

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 install-and-forget operation.

PROJECT INFORMATION

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<tr>
<th>Project Name</th>
<th>Catalog No.</th>
<th>Date</th>
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### 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 12 ft.
- **Certifications**: UL and cUL listed
- **Warranty**: Five years

### Ordering Information

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<thead>
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<th>OMNI</th>
<th>IR</th>
<th>COVERAGE</th>
<th>RELAY / PHOTOCELL OPTION</th>
<th>QTI</th>
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**OMNI® IR Range**

**OMNI ™ IRL Range**