The OMNIDIA combines passive infrared (PIR) and acoustic (sound-activated) technologies to turn lighting systems on and off based on occupancy. The OMNIDIA 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.

- IntelliDAPT self-adaptive technology—no manual adjustment required
- All-digital dual technology (acoustic and passive infrared [PIR]) sensor
- Non-volatile memory for sensor settings
- 450 square-foot coverage
- 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 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
- Green - acoustic detection

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 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°F to 104°F (0°C 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-year limited

Ordering Information

<table>
<thead>
<tr>
<th>OMNI®</th>
<th>DIA</th>
<th>RELAY/PHOTOCELL OPTION</th>
<th>QTI</th>
</tr>
</thead>
<tbody>
<tr>
<td>MODEL</td>
<td>TECHNOLOGY</td>
<td>RELAY</td>
<td>PHOTOCELL</td>
</tr>
<tr>
<td>OMNI</td>
<td>Dual Technology Acoustic &amp; Passive Infrared</td>
<td>Relay &amp; Photocell</td>
<td>No Option</td>
</tr>
</tbody>
</table>