The OMNIUS uses ultrasonic (US) technology to turn lighting on and off based on occupancy. Designed specifically for both areas with obstructions (e.g. columns, cubicles, stalls, and filing cabinets) and areas with long periods of minor-motion activity (e.g. typing), 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.

**PRODUCT FEATURES**

- IntelliDAPT self-adaptive technology - no manual adjustment required
- Superior all-digital ultrasonic (US) minor motion detection
- Non-volatile memory for sensor settings
- 500–2,000 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 24 Vdc
## General Specifications

- **IntelliDAPT® Technology**
  - Auto reset from test setting
  - Self-adjusting timer
  - Self-adjusting ultrasonic thresholds
  - Automatic false-on/false-off corrections

- **LED lamp**
  - Green - ultrasonic motion

- **Timer timeout**
  - Automatic mode: 8–30 min. (self-adjusts based on occupancy)
  - Test mode: 8 seconds (for an easy check at installation)

- **Ultrasonic (US) output**
  - OMNIUS500: 40kHz output
  - OMNIUS1000 and OMNIUS2000: 32kHz output

- **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**
  - 500–2,000 square feet (depending on model)

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

- **Output**
  - 24VDC 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**
  - 8.2 oz (232g)

- **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

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<thead>
<tr>
<th>OMNI*</th>
<th>US Technology</th>
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<td>2,000 sq. ft.</td>
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