H-MOSS® Controls
Adaptive Technology Ultrasonic
Ceiling Sensors

Features
- Coverage 1000 sq. ft. (180°) with photocell and isolated relay, low voltage sensor
- Excellent minor motion detection
- Digital, crystal controlled ultrasonic transmitter and receiver for coverage in each direction for superior sensing of movement
- Office White ABS enclosure blends with ceiling tile
- Relay to interface with auxiliary systems such as HVAC
- Green LED indicates ultrasonic detection
- "Install and Forget" operation. Auto-adjusting adaptive technology eliminates manual adjustments

Ordering Information

<table>
<thead>
<tr>
<th>Description</th>
<th>Device Color</th>
<th>UPC Number</th>
<th>Catalog Number</th>
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<tr>
<td>Low voltage sensor with photocell and isolated relay</td>
<td>Office White</td>
<td>783585392479</td>
<td>ATU1000CRP</td>
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Listings
- cULus listed to UL244A
- ASHRAE 90.1 compliant
- CEC Title 24 compliant

Specifications

- Housing: Flame retardant UL 94 V-0 ABS
- Lens: Polyethylene
- Dimensions: 1.5"H x 4.5"D
- Mounting Height: 8 to 12 feet

Performance

- Controls
  - Ambient Light: 1 to 1000 foot candles
  - Sensitivity: Adaptive 0 to 100%
  - Time Delay: Test (8 seconds), adaptive 8 to 40 minutes

- Electrical
  - Isolated Relay: Normally open and normally closed terminals available
  - Power Requirements: 24V DC nominal, 33mA from Hubbell CU series control unit

- Environmental
  - Operating Temperature: 32°F to 104°F (0°C to 40°C) with rate of change not exceeding 20°F (11°C) per hour
  - Storage Temperature: -20°F to 150°F (-29°C to 65°C); 0% to 95% non-condensing relative humidity

- Sensing Indicators
  - Ultrasonic: Green LED

Complementary Products

- Control Unit Auto-ON: CU300A
- Control Unit Manual-ON: CU300M
- Control Unit, HD, Latching, Auto/Manual-ON: CU300HD
- Ceiling mount wire guard: ACMG
- Ceiling mount raceway adapter: ACMRA

Online Resources

- Customer Use Drawing
- eCatalog
- Installation Instructions