Wireless Occupancy Sensor, Recess Mount (WOS2-RM)

Daintree Wireless Solution
The Wireless Occupancy Sensor, Ceiling Mount (WOS2-RM) is part of the Daintree product portfolio, an open networked wireless controls solution for lighting and building control, monitoring, and optimization. Daintree controls provide a highly scalable solution to address evolving environmental regulations and transform spaces into intelligent environments for buildings of all sizes.

Consisting of three components, Daintree includes sensors and controls at the edge, an open API cloud platform, and software apps to help facility managers make decisions based on how space and assets are actually being used using a data-rich sensor network. Benefits of adding wireless Daintree controls include:

- Up to 50% Energy savings across lighting, HVAC, plugload, fans and more
- Visibility into energy usage, trends and insights to optimize operations
- Automated demand response, superior comfort and lower maintenance expense
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Daintree Wireless Solutions Product Overview
The WOS2-RM is a battery-powered occupancy sensor utilizing passive infrared (PIR) sensing technology to detect movement. As part of the Daintree system and using open, standards-based ZigBee wireless communications, the WOS2-RM reports real-time occupancy events to turn lights on or keep them on when movement is detected, and turn lights off when a space is left vacant. The sensor’s off-delay timer is user-configurable from any location using the ControlScope Manager (CSM) web application, eliminating the need for on-site, manual sensor adjustment.

Installation is quick and easy without the need for any wires or plenum access, while its sleek, low-profile design will complement any office or professional environment.

- Suitable for many applications, including commercial office, retail, and education
- Simple ceiling mount
- Completely wireless installation, ideal for retrofit installations
- Standard and Extended coverage range options
- Configure as an occupancy or vacancy sensor through the CSM web application

Daintree Network Architecture

Wireless Occupancy Sensor, Recess Mount (WOS2-RM)
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Warranty
Current offers a limited Warranty across its Daintree Portfolio. The table below summarizes the Warranty terms. For additional information, please review the Limited Warranty Document on the Daintree Homepage.

<table>
<thead>
<tr>
<th>Component</th>
<th>Warranty Period</th>
<th>Coverage Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daintree Software</td>
<td>1 year on-premise installed Software Subscription term (SaaS) 3 years</td>
<td>GE warrants that as long as all applicable fees due are paid, Daintree Software will substantially conform to the applicable published documentation and published specifications for the Warranty Period.</td>
</tr>
<tr>
<td>System Controller</td>
<td>3 years</td>
<td>100% parts coverage. Warranty for non-Daintree software (such as operating system software) is provided by the respective software; GE makes no warranty with respect to non-Daintree software.</td>
</tr>
<tr>
<td>WACs</td>
<td>5 years</td>
<td>100% parts coverage</td>
</tr>
<tr>
<td>Wireless Adapters</td>
<td>5 years</td>
<td>100% parts coverage</td>
</tr>
<tr>
<td>Wireless Devices</td>
<td>5 years</td>
<td>100% parts coverage, excluding batteries</td>
</tr>
<tr>
<td>Wireless Thermostats</td>
<td>2 years</td>
<td>100% parts coverage</td>
</tr>
</tbody>
</table>

Specifications

- **Dimensions**: Diameter x Depth: 3.7” x 1.3” (95mm x 32mm)
  Weight: 81g (without battery)

- **Indicators**: Network LED (green): Network joined, Installation test; Low battery
  Sensor LED (red): Motion, Installation test

- **Controls**: Utility button: Installation test, Activate device, Reset
  Trimpot: PIR sensitivity

- **Sensor Coverage**: 360°, up to 500 sq. ft (WOS2-RM-S)
  360°, up to 1000 sq. ft (WOS2-RM-E)

- **Off-delay Timer**: 30 sec (default) > 30 sec (software configurable)

- **Radio Properties**: 2.4 GHz
  +7dBm transmit power

- **Operating Environment**: 14°F to +122°F (-10°C to 50°C)
  Indoor use only

- **Mounting**: Recess Mount: fits in 4” diameter hole with at least 3” clearance depth; twist-lock, removable sensor

- **Compliance**: US: FCC Part 15B, FCC ID (NRH-ZB-Z100B)
  Canada: ICES/NMB-003 Class B, IC ID (8984A-Z100B)

- **Power Supply**: 2 (AA) 3.6V Lithium-thionyl chloride battery (included)

- **Battery Life**: 5 Years (normal operation)

- **Warranty**: 5 Years

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<tr>
<td>WOS2-RM-S</td>
<td>Wireless Occupancy Sensor, Ceiling Mount, Standard Coverage 500 sq. ft.</td>
</tr>
<tr>
<td>WOS2-RM-E</td>
<td>Wireless Occupancy Sensor, Ceiling Mount, Extended Coverage 1000 sq. ft.</td>
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