WIRELESS OCCUPANCY SENSOR
With EnOcean® Technology, Ceiling or Wall Mount

The SERIES EOS Wireless Occupancy Sensor uses EnOcean® technology to enable a new level of energy saving control for rooms, hallways, and other common areas. Using a PIR motion sensor to detect movement in a space, the EOSC models have a 360 degree viewing angle and the EOSW models offer wide angle and long range lenses in the same package. The EnOcean® technology allows for wireless communication with any other EnOcean®-enabled devices.

FEATURES/BENEFITS
- Energy harvesting, no power supply or battery necessary
- Ceiling mount option for a large coverage area or flat wall/corner mount in one design
- Energy and cost savings by determining if lights or HVAC should be turned off based on room occupancy
- Meets North American and European standards

APPLICATIONS
- Lighting or HVAC control
- Feedback to building management system that a space is occupied

SPECIFICATIONS
- Range: EOSC: 40 ft (12 m) diameter; EOSW with wide angle lens: 50 ft (15 m); EOSW with long range lens: 100 ft (30 m).
- RF Communications: See model chart.
- RF Transmission Range: 80 ft (25 m).
- Temperature Limits: Operating: -4 to 122°F (-20 to 50°C), Storage: -13 to 158°F (-25 to 70°C).
- Humidity Limits: Operating: 0 to 90% RH (non-condensing), Storage: 0 to 93% RH (non-condensing).
- Power Requirements: Indoor light energy harvesting. An optional supplemental battery or 3 to 5 VDC power supply can be used.
- Weight: 0.42 oz (12 g).
- Agency Approvals: See model chart.

SERIES USB-300
USB WIRELESS RECEIVER
902 or 868 MHz Communications, EnOcean® Software Interface

The SERIES USB-300 USB Wireless Receiver is a simple way to allow PC’s to test any EnOcean®-enabled device using wireless technology. This unit is equipped with a TCM 310 transceiver module, which provides bidirectional EnOcean® radio protocol. Radio messages are sent and received through a virtual serial interface.

FEATURES/BENEFITS
- Works with any EnOcean®-enabled device
- Compact USB design
- Meets North American and European RF standards

APPLICATIONS
- Building commissioning
- Troubleshooting systems that incorporate EnOcean® communicating instruments
- Product installation trials

SPECIFICATIONS
- Antenna Type: Whip antenna (USB-300U); Internal chip antenna (USB-300).
- RF Communications: 902 MHz (USB-300U); 868 MHz (USB-300).
- Temperature Limits: Operating: -4 to 122°F (-20 to 50°C); Storage: -13 to 158°F (-25 to 70°C).
- Humidity Limits: Operating: 0 to 90% RH (non-condensing); Storage: 0 to 93% RH (non-condensing).
- Weight: 0.42 oz (12 g).
- Agency Approvals: FCC, IC, RoHS

MODEL CHART
<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>USB-300U</td>
<td>Wireless Receiver, 902 MHz</td>
</tr>
<tr>
<td>USB-300</td>
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