

Description

Saving energy without sacrificing comfort can be effortless with occupancy based controls. The Wall-Mounted Occupancy Sensor is wireless and self-powered, making it one of the most cost effective ways to control energy-use in unoccupied rooms.

Sensors can be installed in minutes because there are no additional wires to run, and they require no batteries so on-going maintenance costs are eliminated.

The sensor harvests solar energy from indoor light and uses radio frequency technology to communicate wirelessly with other *EnergyCenter* and EnOcean-enabled devices, setting back temperature and turning off lights and electrical loads when it detects that a space has been unoccupied for a set period of time. The sensor features clean contemporary styling, making it an attractive addition that's sure to compliment any décor.

Applications

EnOcean Occupancy Sensors are suitable for renovation, upgrade, and new construction projects.

- Private & Open Offices
- Corridors & Hallways
- Classrooms & Gymnasiums
- Warehouse Spaces & Manufacturing Areas
- Patient Care Rooms
- Transportation Terminals
- Retail & Grocery Stores



Features

- Communicates wirelessly with other *EnergyCenter* and EnOcean devices
- Integrated solar cell harvests indoor light to power the device, eliminating the need for wires or batteries
- PIR motion sensor with both wide angle and long range options for maximum efficiency and flexibility in different room settings
- Two molded buttons with LED indicator lights can be used to link and configure the device
- Internal coin cell battery as backup for low light environments
- Perfect energy saving solution for any space where traffic patterns or occupancy determine the need to power the space—ideal for guest rooms, living spaces, common areas or hallways
- Energy harvesting wireless solution provides limitless supplies of energy and unrivaled flexibility

Specifications

POWER SUPPLY

- Indoor light energy harvesting (Optional supplemental battery or 2-wire connector for external power or remote solar cell)

RADIO NETWORK (EnOcean)

- 902 MHz RF transceiver

RANGES

- Transmission Range: 80ft. (25m)
- Motion Detection Range: 50ft. wide angle lens / 100ft. long range lens

STARTUP CHARGE TIMES (FROM EMPTY)

- Linking = 4 min @ 100 lux, 1.5 min @ 200 lux
- Motion Transmission = 6 min @ 100 lux, 3.5 min @ 200 lux
- Light/Walk Test Modes = 5.5 hrs @ 200 lux

Note: Bright light or battery can be temporarily used to shorten initial startup charge times

CHARGE TIMES

- Charge Time to Full: 9 hrs @ 200 lux
- Sustaining Charge Time: 3 hrs per 24 hrs @ 200 lux

MOTION TRANSMISSION INTERVAL

- 60 - 300 seconds (based on real-time charge rate)
- 60 sec @ 200 lux - 300 sec @ 50 lux

HEARTBEAT TRANSMISSION INTERVAL

- 120 - 600 seconds (based on real-time charge rate)
- 120 sec @ 200 lux - 600 sec @ 50 lux

OPERATING LIFE IN DARKNESS

- 48 hours (after full charge)

DIMENSIONS

- HxWxD: 5.83 x 2.52 x 1.8in (148 x 64 x 47.5mm)

AGENCY COMPLIANCE

- FCC, see product for agency markings

OTHER INFORMATION

- Mounting Height: 6 - 8 feet (recommended)
- Minimum Operating Light: 50 lux (for auto-off only)
- Warranty: 1 year



Indoor use only

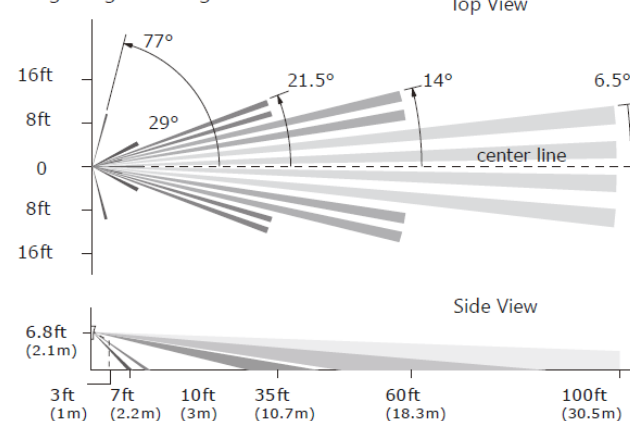


Ordering Information

SKU	Description
A05-22-0164-01	Occupancy Sensor, Wall Mounted, Wireless, 902MHz, White
EnOcean Wireless Accessories <i>Additional information and accessories are available.</i>	
A02-22-0213-01	Single Rocker Pad, Wireless, 902MHz, White

Sensor Coverage Diagrams

Long Range Coverage



Wide Angle Coverage

