wiSTAR[™] Occupancy Sensor Ceiling Mounted

WIRELESS LIGHTING CONTROLS

Date









PROJECT INFORMATION

Project Name

Catalog No.

wiSTAR"

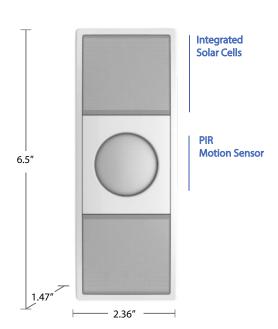


Saving energy without sacrificing comfort can be effortless with occupancy based controls. Hubbell Controls' wiSTAR Ceiling Mounted Occupancy Sensor enables a new level of energy saving control for rooms, hallways and other common areas. The occupancy sensor uses radio frequency technology to communicate wirelessly with other wiSTAR devices to turn off lights and electrical loads when a space has been unoccupied for a set period of time.

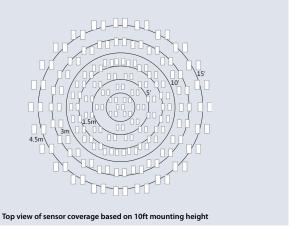
Because the sensor is wireless there is no need to run additional wiring and installation can be completed in a matter of minutes. The sensor is self-powered by harvesting light energy, eliminating the need for periodic battery changes. The clean, contemporary styling makes the sensor an attractive addition to any décor.

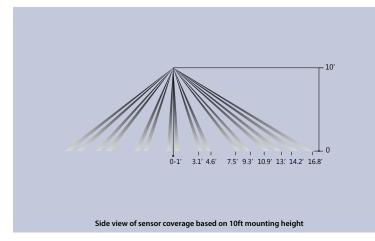
PRODUCT FEATURES

- Sends messages to other devices when motion is detected
- Harvests light energy to power the sensor
- · Mounts easily on any ceiling or material
- · Works with other sensors for enhanced occupancy tracking
- · Built-in tests to confirm operation
- Alternate power supply options for extreme low light conditions
- · Five-year limited warranty









General Specifications

Power Supply Indoor light energy harvesting

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

RF Communications EnOcean 902 MHz
Transmission Range 80ft. (25m)

Motion Detection Range40ft. (25m) diameterMinimum Operating Light50 lux (for auto-off only)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

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

Charge Time to Full 9 hrs @ 200 lux

Sustaining Charge Time 3 hours per 24 hours @ 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)

EnOcean Equipment Profile (EEP) A05-07-02

Dimensions 6.5" H x 2.36" W x 1.47" D (160mm x 60mm x 37mm)

Mounting Height 7 - 10 feet (recommended)

Agency Compliance FCC: SZV-EOSC05

IC: 5713-EOSC05 Five-year limited

Interoperable Products / EEPs Product Name (EEP #)

(EnOcean Equipment Profiles) Rocker Pad Switch (F6-02-02)

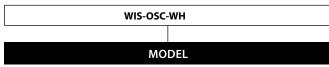
Key Card Switch (F6-04-01) Window handle (F6-10-00)

1BS Single Input Contact (D5-00-01) Temperature Sensor, 0 - 40° C (A5-02-05)

Occupancy Sensor (A5-07-01) Contact, single input (A5-30-01) Central Gateway (A5-38-08)

Ordering Information

Warranty



WIS-OSC-WH

wiSTAR™ Occupancy Sensor - Ceiling Mount, 902MHz, White

