

wiSTAR™ Occupancy Sensor Wall Mounted

WIRELESS LIGHTING CONTROLS



PROJECT INFORMATION

Project Name _____

Catalog No. _____

Date _____

wiSTAR™



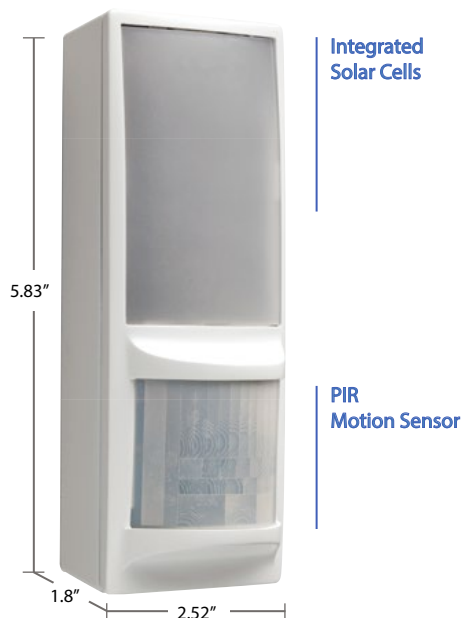
WIS-OSW

Saving energy without sacrificing comfort can be effortless with occupancy based controls. Hubbell Control Solutions' *wiSTAR* Wall-Mounted Occupancy Sensors are wireless and self-powered making them one of the most cost-effective ways to control energy-use in unoccupied rooms. They 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.

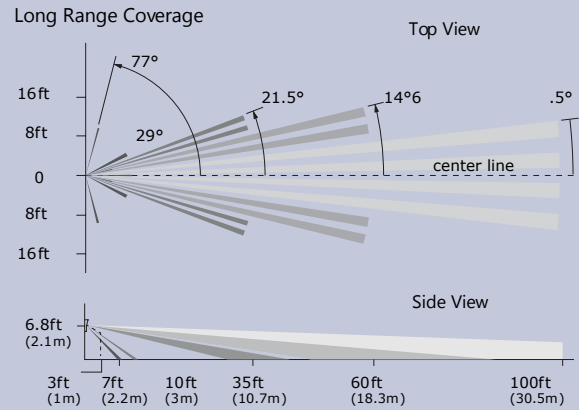
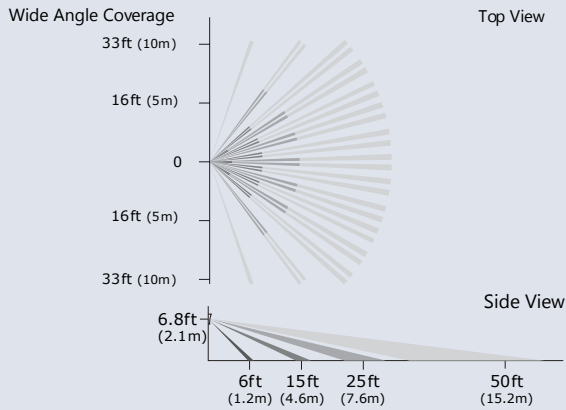
The sensor harvests solar energy from indoor light and uses radio frequency technology to communicate wirelessly with other *wiSTAR* devices, turning off lights and electrical loads when it detects that a space has been unoccupied for a set period of time. The wall-mounted occupancy sensors feature clean contemporary styling, making them an attractive addition that's sure to compliment any décor.

PRODUCT FEATURES

- Sends messages to other devices when motion is detected
- Harvests light energy to power the sensor
- Mounts flush on wall or in a corner
- Works with other sensors for enhanced occupancy tracking
- Interchangeable lenses for tailored sensor coverage
- Built-in tests to confirm operation
- Alternate power supply options for extreme low light conditions
- Five-year limited warranty



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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 Range	50ft. wide angle lens / 100ft. long range lens
Minimum Operating Light	50 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 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 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	5.83" H x 2.52" W x 1.8" D (148mm x 64mm x 45.7mm)
Mounting Height	6 - 8 feet (recommended)
Agency Compliance	FCC: SZV-EOSCO5 IC: 5713-EOSCO5
Warranty	Five-year limited
Interoperable Products / EEPs (EnOcean Equipment Profiles)	Product Name (EEP #) 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 to 40° C (A5-02-05) Occupancy Sensor (A5-07-01) Contact, single input (A5-30-01) Central Gateway (A5-38-08)

Ordering Information

WIS-OSW-WH

MODEL

WIS-OSW-WH

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



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