



Wall Occupancy Sensor

E9T-OSW-W

ILLUMRA Wall Mounted Occupancy Sensors enable a new level of energy saving control. The Occupancy Sensor uses radio frequency technology to communicate wirelessly with other devices to adjust temperature and turn off lights and electrical loads when a space has been unoccupied for a set period of time.

Because the sensors are wireless there's no need to run additional wiring and installation can be completed in a matter of minutes.

The sensor is self-powered by harvesting energy from indoor light, eliminating the need for periodic battery changes. The clean, contemporary styling makes it an attractive addition to any decor.

ILLUMRA's self-powered wireless Occupancy Sensors are the perfect energy saving solution for any space where traffic patterns or occupancy determine the need to power the space.

Easy-To-Use

- Mounts wirelessly onto virtually any surface
- Fast, simple programming
 - Button without the line sends the link signal
 - Button with the line sends the occupancy signal
- ON/OFF control of lights and devices

Save Energy, Time, and Money

Avoid costly and time-consuming installation of hardwire switches, and conserve energy and save money by choosing ILLUMRA switches, sensors and receivers.



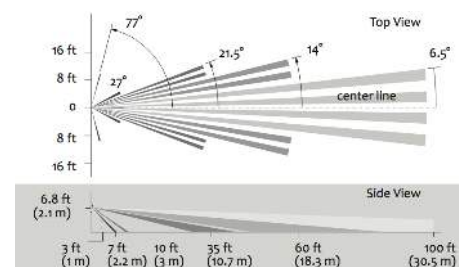
Occupancy Sensor (Wall Mounted)

- Passive Infrared motion sensor
- Wide angle and long range lens options included
- Self-powered with integrated solar cells that harvest indoor light energy—Needs no wires or batteries
- Operates for 80 hours in darkness with a full charge
- Wireless communication with EnOcean compatible devices

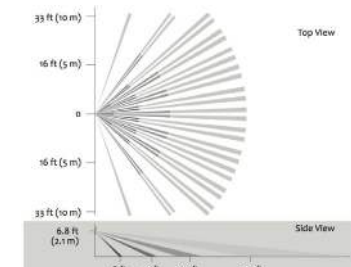
	E9T-OSC-W
Power Supply Optional	Indoor light energy harvesting Supplemental battery (CR2032) or 2-wire connector for external power or remote solar cell (3-5VDC)
Frequency	902 MHz EnOcean RF Transmitter
Transmission Range	80 ft. (25m)
Motion Detection Range	50 ft. (15m) wide angle / 100 ft. (30m) long range lens
Minimum Operating Light	50 lux (for auto-off only)
Startup Charge Times* (from empty)	First motion Transmission/Linking= 5 min @ 200 lux Motion LED blink Light/Walk Test Modes = 1.5 hrs @ 2000 lux
Note: Bright light or a battery can be temporarily used to significantly shorten startup charge times	
Charge Time to Full	25 hrs @ 200 lux
Sustaining Charge Time	3 hours per 24 hours @ 200 lux
Motion Transmission Interval	2 min
Unoccupied Transmission	10 and 30 minutes since last motion detection
Heartbeat Transmission	default = disabled; enabled = 1 hr intervals
Operating Life in Darkness	80 hours (after full charge)
Optional Battery Life:	Continuous battery-free operation standard
Frequent Bright Light	20 yrs (with 200 lux for 2 hrs/day, 7 days/week)
Consistent Low Light	15 yrs (with 65 lux for 5 hrs/day, 7 day/week)
Total Darkness	6.5 yrs
EnOcean Equipment Profile (EEP)	A5-07-01
Dimensions	5.83"H x 2.52"W x 1.8"D (148mm x 64mm x 45mm)
Mounting Height	6–8 ft (2–3m) recommended
Agency Compliance	FCC: SZV-STM300U

Sensor Range and Coverage Diagrams

Long Range Coverage



Wide Angle Coverage



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