

CoreSync

Wireless Occupancy Sensor, Ceiling Mounted



CoreSync Ceiling Mounted Occupancy Sensors are wireless and self-powered, providing a cost-effective way to control energy use in unoccupied rooms

The CoreSync Ceiling Mounted Occupancy Sensor harvests solar energy from indoor light and uses radio frequency technology to communicate wirelessly with other CoreSync devices, helping building automation systems to reset temperature, turn off lights and control other electrical loads upon detecting that a space has been unoccupied for a set period of time



Features and Benefits

Wireless, interoperable	Communicates with other CoreSync devices and with CoreSync Network Connected Lighting system
Self-powered	Needs no wiring or battery support in a light-harvesting environment
PIR motion sensor with 360° viewing angle	Maximum efficiency in different room settings
Two molded buttons with LED indicators	Ability to link and configure the device locally
Internal tray	Provides power from supplemental coin battery in low-light settings

Specifications

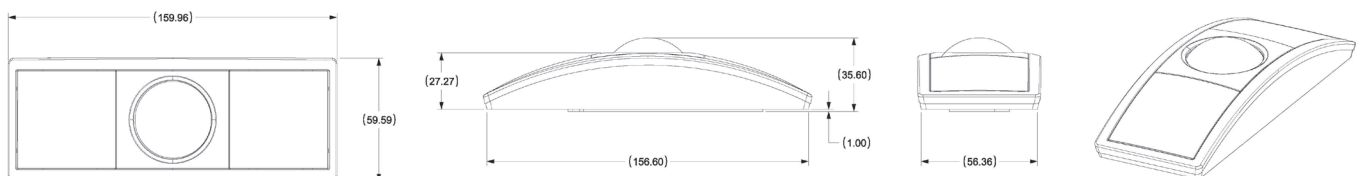
Power Supply: Indoor light energy harvesting;
 (Optional) Supplemental battery (CR2032) or
 2-wire connector for external power or remote
 solar cell (3 -5VDC)
 RF Communications: 902MHz, 868MHz
 Transmission Range: 80 ft. (25m)
 Motion Detector Range: 34 ft. (10m) diameter
 Sustaining Charge Time: 3 hours per 24 hours @
 200 lux

Charge Time to Full: 25 hours @ 200 lux
 Unoccupied Transmission: 10 and 30 minutes
 since last motion detection
 Operating Life in Darkness: 80 hours
 (after full charge)
 EnOcean Equipment Profile (EEP): A5-07-01
 Minimum Operating Light: 50 lux (for auto-off only)
 Agency Compliance: 902MHz: Contains FCC:
 SZV-STM300U IC: 5713A-STM300U 868MHz:
 CE Certified, R&TTE Compliant

Dimensions: 6.5" H x 2.36" W x 1.47" D
 (160mm x 60mm x 37mm)
 Mounting Height: 7 to 10 ft. (2 to 3m) recommended

Ordering Information

Molex Number	Description
180997-0004	Occupancy Sensor, Ceiling Mount, 902MHz
180997-0104	Occupancy Sensor, Ceiling Mount, 868MHz



www.CoreSync.molex.com

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