

# CoreSync

## Wireless Occupancy Sensor, Wall Mount



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

The CoreSync Wall Mounted Occupancy Sensor harvests solar energy from indoor light and uses radio frequency technology to communicate wirelessly with other EnOcean-enabled 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

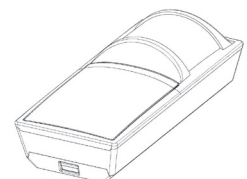
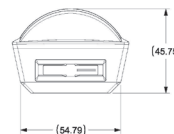
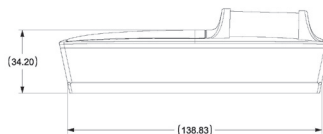
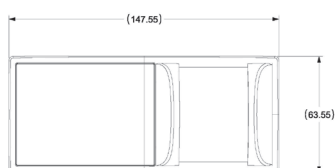
Power Supply: Indoor light energy harvesting;  
 Supplemental battery (CR2032) or 2-wire connector for external power or remote solar cell (Optional)  
 RF Communications: 902MHz, 868MHz  
 Transmission Range: 80 ft. (25m)  
 Motion Detector Range: 34 ft. (10m) diameter  
 Sustaining Charge Time:  
 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)  
 EnOceanEquipment 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: 5.83" H x 2.52" W x 1.8" D  
 (148mm x 64mm x 45mm)  
 Mounting Height:  
 6 to 8 ft. (1.8 to 2.5m) recommended

### Ordering Information

Molex Number	Description
180997-0005	Occupancy Sensor, Wall Mount, 902MHz
180997-0105	Occupancy Sensor, Wall Mount, 868MHz



[www.CoreSync.molex.com](http://www.CoreSync.molex.com)

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