Transcend®
Wireless Occupancy Sensor, Wall Mount

molex®

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

The Transcend® 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 Transcend® devices and with Transcend 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)
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	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, Ceiling Mount, 902MHz
180997-0105	Occupancy Sensor, Ceiling Mount, 868MHz