

## WSC12-M9N



**UPC Code:** 07847770954

**Country Of Origin:** China

## WSC12-M9N

### Brand Features

The LevNet RF™ 902MHz PIR Surface Mount Occupancy Sensor (WSC12) has built-in solar cells that draw on available ambient light to power themselves and can operate for up to 80 hours in total darkness. Batteries are not required. For improved detection, the sensor uses an enhanced PIR element located directly behind a unique multi-zone optical lens. This exclusive Fresnel lens establishes twice as many zones of detection as traditional sensors. The self-powered wireless sensor design also overcomes the placement and coverage challenges of traditional sensors. Self-powered wireless sensors enable flexible placement, allowing sensors to be mounted where needed without the complexity of moving or installing new wiring.

### Item Description

LevNet RF Wireless, Self Powered, PIR, Surface Mount Occupancy Sensor, Extended Range, 1200 sq ft FOV, Minor & Major Motion, 902MHz, Dual Solar Cell, red LED, 60 Sec transmitter, 24V Connection or Battery Backup for zero light areas, Title 24 compliant, ASHRAE 90.1 compliant, White

### Technical Information

#### Electrical Specifications

**Frequency:** 902MHz 50-150FT

**Power Supply:** Self Powered

#### Environmental Specifications

**Relative Humidity:** 20% to 95% non-condensing

**Storage Temperature:** 14°F to 104°F (-10°C to 40°C)

#### Standards and Certifications

**FCC:** Compliant

## Features and Benefits

- Zero Power Consumption — solar power provides the energy to keep the device on and sensor technology turns the lights off, eliminating additional expenses to the end user's energy bill
- Zero Wiring Required — no wire limitations enable the installer to place the sensor in the optimal location of any application to capture minor motion and enhance performance
- Self-Powered, Self-Charging — angled solar cells are optimal for light collection, enabling the sensor to capture additional ambient (natural and artificial) light over flat solar cells 10FC vs. 6-7FC (100 LUX vs. 64-75 LUX)
- Rapid Charge Time to Operation — self-powered technology enables the sensor to be operational after a minimum charge time of 1 minute
- True Wireless — sensors are self-powered and communicate with all LevNet RF and EnOcean® Receivers via a 902MHz radio frequency
- No Additional Wiring — self-powered wireless technology eliminates the need to pull additional wire, making installation quick and easy and increasing labor savings with little to no impact to business during conversion
- Up to 80 Hours of Stored Power — solar cells provide up to 80 hours of power to the sensor when no ambient light is available (for extended "OFF" time, an optional battery can be inserted)
- Advanced Field-of-View — superior detection for parallel and perpendicular motion; innovative technology detects motion moving directly towards the sensor; 360° rotation to fine-tune the location of solar cells and field-of-view
- Improved Aesthetics— blends seamlessly with ceiling décor and architecture
- Additional Energy Savings — wireless technology supports manual override options with no additional wiring

## SPECIFICATION SUBMITTAL

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