



WATTSTOPPER®

WALL SWITCH OCCUPANCY & VACANCY SENSORS

PASSIVE INFRARED WALL SWITCH  
OCCUPANCY SENSOR (WS-301)

ASHRAE 90.1 & IECC®



# RELIABLE & DURABLE RETROFIT SOLUTION

The WS-301 Passive Infrared (PIR) Wall Switch Sensor turns lighting or fan loads on and off based on occupancy and ambient light level. The WS-301 sensor uses a patent pending Neutral Sense Technology and is ideal for retrofit applications. It can be used for a two-wire or three wire application, to work with existing wiring and to meet local or national code requirements. The sensor replaces existing wall switches and fits behind a standard decorator wall plate.

## Solutions

- The WS-301 sensor uses a patent pending Neutral Sense Technology. An easy-to-break plastic tab covers neutral screw terminals. Once the sensor is connected to neutral it complies with all codes that restrict current leakage to ground.
- The WS-301 senses the difference between infrared energy from a human body in motion and the background space to turn on lighting automatically when occupancy is detected.
- After a user-specified length of time when no occupancy is detected, lighting automatically switches off. The sensor can also be used with line voltage switches for multi-level lighting.
- The WS-301 is great for retrofit projects and has the flexibility to work in a variety of applications. The durable lens is ideal for long term life in high traffic areas. Ideal application spaces include offices, conference rooms, break rooms, storage areas, utility rooms, and private restrooms.



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**WALL SWITCH OCCUPANCY & VACANCY SENSORS**

Defaults to Manual-On operation for maximum energy savings and code compliance

Shallow 1" back housing and flying leads for easy installation

Build-in light level sensor



Optional neutral connection with break off tab to expose neutral terminals

Button provides positive tactile feedback

Durable lens ideal for high traffic applications

120/277 VAC and 347 VAC models

### ADD-ON PRODUCTS:

#### Wall Plates

The radiant® Trademaster wall plates are molded from practically indestructible self-extinguishing nylon and stand up to the most demanding environments. They provide a pleasing aesthetic with a contour design that won't flex or warp.

#### radiant® Screwless Wall Plates

For a more decorative aesthetic, upgrade to the screwless radiant wall plates. radiant screwless wall plates add a touch of elegance to any space. The screwless design provides a clean and sophisticated trim for your lighting control devices.

Contact your local Wattstopper [Wattstopper Rep](#) for more details.

 [WWW.LEGRAND.US/WATTSTOPPER](http://WWW.LEGRAND.US/WATTSTOPPER)



#### Wattstopper®

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