

# WS-301 – PASSIVE INFRARED WALL SWITCH OCCUPANCY SENSOR



This is the passive infrared wall switch occupancy sensor. 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 sensor replaces existing wall switches and fits behind a standard decorator wall plate.

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.

**Check out Wattstopper DLM products [here](#).**

- Complies with 2011 NEC requirements
- Zero crossing circuitry reduces stress on the relay and results in increased sensor life
- Adjustable time delay and sensitivity
- Custom two-tier Fresnel lens enhances detection at the desktop level
- Sensor coverage tested to NEMA Guide Publication WD 7-2000
- Light level sensor holds lights off when ambient lighting is above the preset level
- Patented voltage drop protection
- For safety, there is no leakage to load in the off mode and sensor is safety grounded

- LED indicates occupancy detection