

# RH-250 – PIR MULTI-WAY WALL SWITCH OCCUPANCY SENSOR



This is the PIR multi-way wall switch occupancy sensor. The RH-250 Passive Infrared (PIR) Multi-way Occupancy Sensor provides automatic lighting shutoff for a variety of applications including those with multiple switch locations. It offers optional automatic lighting activation. The RH-250 operates either as a manual- or automatic-on sensor. When in manual-on mode, users must press the pushbutton to turn on lighting. The RH-250 employs PIR technology to sense the difference between the infrared energy from a person in motion and the background space. It keeps lighting on as long as motion is detected and provides automatic shutoff, following a user-selected time delay, when motion is no longer detected. Users may turn the lighting off manually. When automatic-on operation has been selected, the adjustable light level sensor may be set to prevent lights from turning on automatically if sufficient daylight is present.

An RH-250 connected to other RH-250s and/or RH-253 Decorator Single Pole Momentary Switches provides true multi-way on/off control. An occupant simply presses the on/ off pushbutton of any connected device to turn on the lighting. Lights remain on as long as one of the RH-250s continues to detect occupancy. The user may turn off the lighting by pressing the on/off button on any of the connected devices. If the room becomes vacant and lights are on, they will be switched off automatically following the time delay of the last RH-250 to detect occupancy. **Check out Wattstopper DLM products [here](#).**

- Complies with 2011 NEC requirements
- Replaces single- or multi-pole switches
- Provides multi-way control when used with other RH-250s or RH-253s
- Adjustable time delay, 15 seconds to 30 minutes
- Lighted switch for visibility in darkened rooms
- If enabled, light level sensing prevents automatic-on when adequate daylight exists
- Low-profile styling
- Choice of five decorator colors; lens is color-matched to device
- Operates most common types of lighting
- Relay-based switching
- No current leakage to load in off mode for safety
- Compatible with decorator wall plates
- Compliant with Nonresidential CA Title 24 requirements

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