



Wall Switch Occupancy Sensor

Square D® Basic Wall Switch Occupancy Sensors

Wall Switch Occupancy Sensors are ideally used in commercial buildings to save energy that would otherwise be wasted to light unoccupied rooms or spaces. These Wall Switch Occupancy Sensors employ the latest in passive infrared (PIR) sensing technology to accurately sense when a room or space is occupied, then turn lights on. When the room is unoccupied, the sensor turns lights off after a time delay of up to 30 minutes as determined by the user. Auto-ON and Manual-ON models available with decorator wall plate in white or ivory. Simply mount the sensor in place of existing single gang switch — no neutral connection required. Special multi-segmented lens creates a coverage pattern that accurately detects major motion in rooms up to 1000 sq. ft.

- Input: 120/277Vac 60 Hz
- Output: 1000W Max. Load @ 120V (1000VA@120V 1800VA@277V)
- 1/4 HP Max. Motor Load
- UL and cUL Listed
- For use with electronic and magnetic ballasts
- CEC Title 24 Certified

- Furnished with cover plate
- Manual On/Manual Off or Automatic Off operation
- No neutral or minimum load required
- Rated for both 120 V incandescent and fluorescent lighting
- Title 24 2005 Residential Lighting requirements, Sec. 150(k)
- No override on
- Manual-on only (no auto-on mode)
- 30 minute time delay

Table 5.25:

Catalog No.	Catalog Description	\$ Price
Basic Wall Switch Occupancy Sensors		
Auto-ON/Auto-OFF		
SLSPWS1277AW	White Wall Switch Occupancy Sensor	81.00
SLSPWS1277AI	Ivory Wall Switch Occupancy Sensor	81.00
Manual-ON/Auto-OFF		
SLSPWS1277MW	White Wall Switch Occupancy Sensor	62.00
SLSPWS1277MI	Ivory Wall Switch Occupancy Sensor	62.00
Residential Vacancy Sensor		
SLSPWS120VI	Wall switch vacancy sensor, ivory	42.00
SLSPWS120VW	Wall switch vacancy sensor, white	42.00
Commercial Grade Wall Switch Occupancy Sensors		
Single Circuit PIR		
SLSPWS1277UW	White	90.00
SLSPWS1277UI	Ivory	90.00
SLSPWS1277UG	Gray	90.00
SLSPWS1277UL	Light Almond	90.00
SLSPWS1277UB	Black	90.00
Dual Circuit PIR		
SLSPWD1277UW	White	117.00
SLSPWD1277UI	Ivory	117.00
SLSPWD1277UG	Gray	117.00
SLSPWD1277UL	Light Almond	117.00
SLSPWD1277UB	Black	117.00
Single Circuit Ultrasonic		
SLSUWS1277UW	White	142.00
SLSUWS1277UI	Ivory	142.00
SLSUWS1277UG	Gray	142.00
SLSUWS1277UL	Light Almond	142.00
SLSUWS1277UB	Black	142.00
Dual Circuit Ultrasonic		
SLSUWD1277UW	White	165.00
SLSUWD1277UI	Ivory	165.00
SLSUWD1277UG	Gray	165.00
SLSUWD1277UL	Light Almond	165.00
SLSUWD1277UB	Black	165.00
Single Circuit Dual Technology		
SLSDWS1277UW	White	187.00
SLSDWS1277UI	Ivory	187.00
SLSDWS1277UG	Gray	187.00
SLSDWS1277UL	Light Almond	187.00
SLSDWS1277UB	Black	187.00
Dual Circuit Dual Technology		
SLSDWD1277UW	White	210.00
SLSDWD1277UI	Ivory	210.00
SLSDWD1277UG	Gray	210.00
SLSDWD1277UL	Light Almond	210.00
SLSDWD1277UB	Black	210.00
Blank Cover Plates		
SLSWP2DBW	White	7.50
SLSWP2DBI	Ivory	7.50
SLSWP2DBG	Gray	7.50
SLSWP2DBL	Light Almond	7.50
SLSWP2DBB	Black	7.50
Toggle Cover Plates		
SLSWP2DTW	White	7.50
SLSWP2DTI	Ivory	7.50
SLSWP2DTG	Gray	7.50
SLSWP2DTL	Light Almond	7.50
SLSWP2DTB	Black	7.50
Buttonless Cover Plates		
SLSBCW	Buttonless Adjustment Access Covers, White	15.00
SLSBCI	Buttonless Adjustment Access Covers, Ivory	15.00
SLSBCG	Buttonless Adjustment Access Covers, Gray	15.00
SLSBCL	Buttonless Adjustment Access Covers, Light Almond	15.00
SLSBCB	Buttonless Adjustment Access Covers, Black	15.00

New!



Commercial Grade Wall Switch

Square D Commercial Grade Wall Switch Occupancy Sensors

Maximum energy savings in a format that will complement any decor. Low profile sensors are available in white, ivory, gray, light almond and black with color-matched segmented lens.

Light Level Sensor Mode: Each sensor includes an adjustable light level sensor to hold off artificial lighting when adequate natural light is present.

Walk-Through Mode: To maximize energy savings, the sensor detects when areas are briefly occupied as a result of a person walking through and turns off lighting based on a shorter time delay. (Dual circuit only)

Lamp Saver Mode: When the lamp saver feature is enabled, the sensor automatically alternates which load responds to motion. The result is more predictable lamp life and reduced maintenance.

Adaptive Technology: Commercial Grade dual technology and ultrasonic wall switch occupancy sensors feature a patented adaptive technology that significantly reduces the learning period typically associated with adaptive sensors. Square D adaptive sensors reduce the occurrence of nuisance on and nuisance off while at the same time extending lamp life and reducing maintenance.

- Available in white, ivory, gray, light almond and black with matching cover plate (included)
- Color matching multi-segmented lens
- Audible alert
- Selectable auto-on and manual-on modes
- Red LED motion indicator
- For use with electronic and magnetic ballasts
- 1000VA@120V, 1800VA@277V
- User adjustable light level, time delay, and sensitivity
- 30 second grace period in the manual-on mode

Square D Residential Wall Switch Vacancy Sensors

Square D Residential Vacancy Sensor directly replaces standard light switches in bathrooms, garages, laundry rooms and utility rooms in accordance with Title 24 2005 requirements for residential lighting (Sections 119(d) and 150 (k)). The Square D Vacancy Sensor operates just like a standard light switch, requiring a button press to turn lights on. Lights may be turned off with a button press or the sensor will turn off lighting automatically when the area is unoccupied.

- No user time delay and sensitivity adjustments necessary
- Available in white or ivory



Blank Cover Plate with decorator style opening



Toggle Cover Plate with decorator style opening

New!



Dual Technology Wall Mount



Dual Technology Ceiling Mount



Power Pack

Square D Wall Mount Occupancy Sensors

Square D Wall Mount Occupancy Sensors accurately detect occupancy and automatically switch lighting on and off as needed. These sensors are wall or ceiling mounted for superior motion detection. Sensors employ Passive Infrared (PIR) and Ultrasonic technology. Dual Technology model features combined PIR and Ultrasonic detection for the ultimate performance. The PIR Occupancy Sensor has 3 interchangeable lenses for custom coverage patterns. Wide Angle, Long Range and High Bay. Wall mount sensors also incorporate an integral light level sensor, and features an isolated relay for use with building automation, security and HVAC systems.

- Adjustable Sensitivity
- Adjustable time delay
- UL and cUL Listed
- CEC Title 24 Certified
- FCC Part 15, Class B
- ASHRAE/IES 90.1

Square D Ceiling Mount Occupancy Sensors

Ceiling Mount Occupancy Sensors are ideal for offices, conference rooms, class rooms and other shared areas to automatically turn lights on and off based on occupancy. Sensors employ Passive Infrared (PIR) and Ultrasonic technology. Dual Technology model features combined PIR and Ultrasonic detection for the ultimate performance. Requires power pack. Set of normally closed and normally opened auxiliary contacts for use with building automation and security systems.

- Input: 24 Vdc
- Output: +24 Vdc
- Adjustable Sensitivity
- Low Profile Housing
- Adjustable Light Level Sensor
- UL and cUL Listed
- CEC Title 24 Certified
- FCC Part 15, Class B
- ASHRAE/IES 90.1

Table 5.26: Wall Mount and Ceiling Mount Sensors

Catalog No.	Catalog Description	\$ Price
Wall Mount Occupancy Sensors		
SLSWPS1500	PIR occupancy sensor	161.00
SLSWUS1500	Ultrasonic occupancy sensor	191.00
SLSWDS1500	Dual Technology occupancy sensor	221.00
Ceiling Mount Occupancy Sensor		
SLSCPS1000	PIR occupancy sensor	134.00
SLSCUS2000	Ultrasonic occupancy sensor	197.00
SLSCDS2000	Dual Technology occupancy sensor	231.00

Power Pack

For use with wall and ceiling mount sensors to supply power to sensor and switch the load when the sensor detects occupancy. May supply power to multiple sensors and auxiliary relays up to 100mA nominal load.

- Input: 120/277 Vac 50/60 Hz
- Output: 24 Vdc/100mA Nom.
- Relay rating: 20A Max. Ballast Load at 120Vac (20A Max. at 277V)
- UL cUL Listed

Auxiliary Relay

For use with wall and ceiling mount sensors to turn lights on when an area is occupied or off when it is not. Requires power pack to supply input power to operate relay.

- Input: 24 Vdc/36mA Nom.
- Relay rating: 20A Max. Ballast Load at 120Vac (20A Max. at 277V)
- UL cUL Listed

Table 5.27: Power Pack and Auxiliary Relay

Catalog No.	Catalog Description	\$ Price
SLSP1277	Power Pack	46.50
SLSSP24	Auxiliary Relay	36.00



Indoor Occupancy Sensor

Square D® Fixture Mounted Sensors and Controls

Square D extends its occupancy-sensing capability with a range of line voltage sensors based on passive infrared (PIR) technology. These sensors feature rugged housings that resist moisture and dust typical of manufacturing and shipping dock areas. Sensors incorporate universal power supply, relay and PIR element in a single housing ready for direct attachment to popular high-bay and low-bay luminaires.

Sensors are available either as stand alone sensor-per-fixture devices or equipped with connectors for low-cost plastic optical fiber cable. Plastic optical fiber connectivity between sensors allows implementation of control zones within aisles and work areas without back-pulling signaling wire in conduit. Each sensor acts as a network repeater, allowing 200 foot spacing between sensors. Plastic fiber can be cut and terminated without special tools or installer training.

- All sensors feature oversized Fresnel lenses and premium, low-noise pyroelectric elements for reliable PIR sensing at mounting heights up to 45 feet.
- Both area- and aisle-sensing Fresnel lenses ship with each sensor. Color-coded snap-out lenses can be swapped in the field.
- Switch packs open and close based on fiber optic commands from fiber sensors
- Universal power supply design adapts to AC line voltages 208-480VAC, 50/60Hz without jumpers or taps.
- Single-pole/close-on-motion relays sized for switching dry contact, magnetic HID or electronic ballast loads.
- Mounts directly to reflector with included pinch bracket or to ballast housing with " NPT threaded pipe nipple.
- Built-in manual override test switch and diagnostic LED to assist in installation. Diagnostic LED can be seen at distance to assist in walk test.
- Fifteen minute power ON warm-up timer assures rated lamp life even if the fiber network is broken.
- User adjustable sensitivity and delay time settings (0-15 minutes)

Table 5.28: Table Line Voltage Occupancy Sensors

Catalog No.	Catalog Description	\$ Price
SLSPIP210	Occupancy sensor, indoor PIR, no fiber connectivity	141.00
SLSPIP211	Occupancy sensor, indoor PIR, one fiber input, one fiber output	166.00
SLSPIP212	Occupancy sensor, indoor PIR, two fiber inputs	166.00
SLSPSP101	Fiber optic switch pack, indoor, one fiber in, one fiber output	141.00
SLSPSP102	Fiber optic switch pack, indoor, two fiber inputs	141.00
SLSPCW001	Fixture-mounted counterweight for HID	13.00
SLSPIPBRACKET	Bracket for off-fixture mounting	11.00