

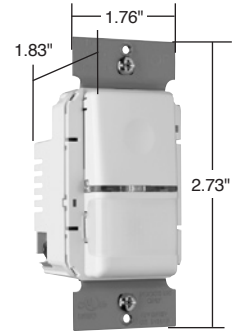


Occupancy & Vacancy Sensors & Timers

Commercial Occupancy/ Vacancy Sensors

Wall Box Passive Infrared (PIR)

Pass & Seymour



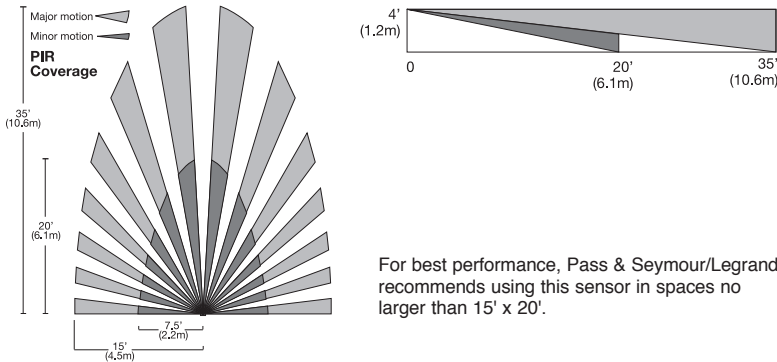
OS300SW

Features

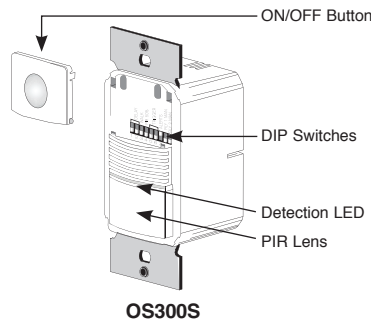
- Detection signature processing eliminates false triggers and provides immunity to RFI and EMI.
- Zero-crossing for long relay life.
- Vandal-resistant lens combines precise coverage with durability.
- Choice of Auto-ON or Manual-ON operation.
- Auto adjustable time delays: automatic, fixed (5, 10, 15, 20, 25 or 30 minutes), walk-through, test-mode.
- Selectable time delay automatically adjusts for maximum savings.
- Walk-through mode turns lights off 3 minutes after the area is initially occupied – ideal for brief visits such as mail delivery.
- Selectable test mode allows quick and easy adjustments.
- Selectable audible alert for impending shutoff.
- In AUTO-ON mode, if the sensor is manually turned OFF, AUTO-ON will not enable until no motion is detected for 5 minutes. This prevents the light from turning ON when it was intended they remain OFF. Ideal for presentations.
- LED indicates occupancy detection.
- Built-in light level sensing with simple, one-step setup.
- Override mode allows sensor to operate as a service switch in the unlikely event of a failure.
- NEMA WD 7 guideline utilized for coverage testing.
- Sensitivity adjustment: PIR (high/low).
- Coverage: 180°, up to 1050 sq. ft.; major motion 35' x 30'; minor motion 20' x 15'.
- cULus listed.
- 5-year warranty.
- Load: Incandescent, fluorescent, compact fluorescent (CFL), magnetic low-voltage (MLV) and electronic low-voltage (ELV), 1/6 hp

Catalog Number	Description	Rating	Load	Occupant Warning Before OFF	Selectable Auto/Man. ON	Color
Single-Pole Occupancy/Vacancy Sensors						
OS300SI	Self-adaptive design remembers ON/OFF cycles	120/230/277VAC; 50/60 Hz.	All	Yes	Yes	Ivory
OS300SW		@ 120VAC, 0-800 W ballast or tungsten, 1/6 hp.		Yes	Yes	White
OS300SGRY		@ 230/277VAC, 0-1200 W ballast.		Yes	Yes	Gray
OS300SLA				Yes	Yes	Lt. Almond

Coverage



Product Controls



DIP Switch Settings

DIP Switch #s:	1	2	3
Time Delay	↓	↓	↓
SmartSet/Test	↓	↓	↓
5 minutes	↓	↓	↑
10 minutes	↓	↑	↑
15 minutes	↓	↑	↑
20 minutes	↑	↓	↓
25 minutes	↑	↓	↑
30 minutes	↑	↑	↓
⊗ override	↑	↑	↑

DIP Switch #	5
ON Mode	↓
Auto On	↓
Manual On	↑

DIP Switch #	6
Sensitivity	↓
High	↓
Low, 50%	↑

DIP Switch #	7
Audible Alerts	↓
Disabled	↓
Enabled	↑

DIP Switch #	8
Visible Alerts	↓
Disabled	↓
Enabled	↑

DIP Switch #	4
Walk Through	↓
Disabled	↓
Enabled	↑

⊗ Bypass occupancy & light level functions. Load is manually controlled with WS300 button.

Technical Specifications on Page U-127.

All devices listed on this page conform to NEMA WD-1 and WD-6.

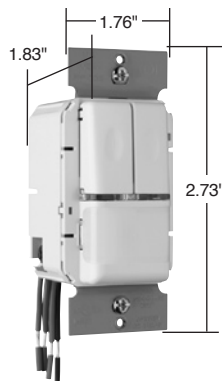
◀ Factory Settings ↑ = ON ↓ = OFF

Occupancy & Vacancy Sensors & Timers

Commercial Occupancy/ Vacancy Sensors



Bi-Level Wall Box Passive Infrared (PIR)



OSR300SW

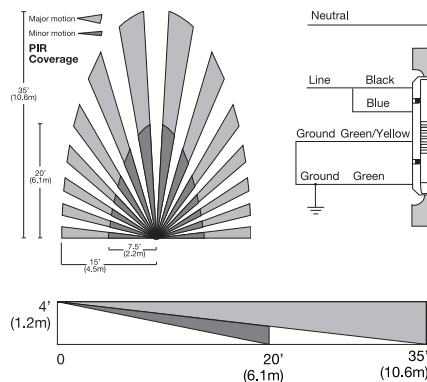
Features

- Detection signature processing eliminates false triggers and provides immunity to RFI and EMI.
- Zero-crossing for long relay life.
- Vandal-resistant lens combines precise coverage with durability.
- Choice of Auto-ON or Manual-ON operation, selectable for each relay.
- Auto adjustable time delays: automatic, fixed (5, 10, 15, 20, 25 or 30 minutes), walk-through, test-mode.
- Selectable time delay automatically adjusts for maximum savings.
- Selectable walk-through mode turns lights off three minutes after the room is initially occupied if no motion is detected after the first 30 seconds.
- Selectable test mode allows quick and easy adjustments.
- Selectable audible alert for impending shutoff.
- In AUTO-ON mode, if the sensor is manually turned OFF, AUTO-ON will not enable until no motion is detected for 5 minutes. This prevents the light from turning ON when it was intended they remain OFF. Ideal for presentations.
- LED indicates occupancy detection.
- Built-in light level sensing with simple, one-step setup.
- Override mode allows sensor to operate as a service switch in the unlikely event of a failure.
- NEMA WD 7 guideline utilized for coverage testing.
- Sensitivity adjustment: PIR (high/low).
- Coverage: 180°, up to 1050 sq. ft.; major motion 35' x 30'; minor motion 20' x 15'.
- cULus listed.
- 5-year warranty.
- Load: Incandescent, fluorescent, compact fluorescent (CFL), magnetic low-voltage (MLV) and electronic low-voltage (ELV), 1/6 hp.

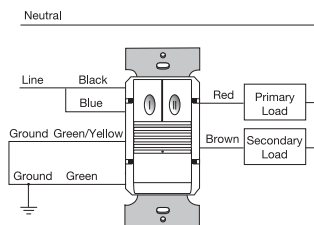


Catalog Number	Description	Rating	Load	Occupant Warning Before OFF	Selectable Auto/Man. ON	Color
Single-Pole Dual-Relay Occupancy/Vacancy Sensors						
OSR300SI	Operates both circuits of a bi-level lighting system	120/230/277VAC; 50/60 Hz.	All	Yes	Yes	Ivory
OSR300SW		@ 120VAC, 0-800 W ballast or tungsten, 1/6 hp.		Yes	Yes	White
OSR300SGRY		@ 230/277VAC, 0-1200 W ballast.		Yes	Yes	Gray
OSR300SLA				Yes	Yes	Lt. Almond

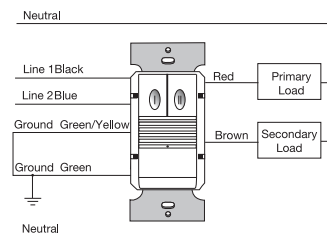
Coverage



OSR300S Bi-Level Wiring

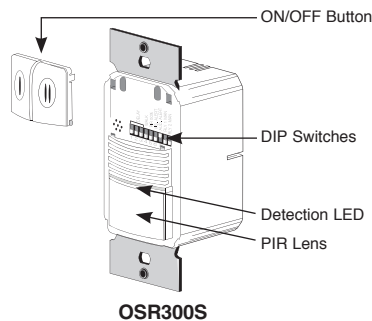


OSR300S Two Circuit Level Wiring



For best performance, Pass & Seymour/Legrand recommends using this sensor in spaces no larger than 15' x 20'.

Product Controls



DIP Switch Settings

DIP Switch #s: 1 2 3	DIP Switch # 5	DIP Switch # 7
Time Delay	Relay 1 ON Mode	Audible Alerts
SmartSet/Test	Auto On	Disabled
5 minutes	Manual On	Enabled
10 minutes		
10 minutes	DIP Switch # 6	DIP Switch # 8
15 minutes	Relay 2 ON Mode	Sensitivity
15 minutes	Auto On	High/SmartSet
20 minutes	Manual On	Low
30 minutes		
	DIP Switch # 4	
Delay Relay 2 Disconnect	Use Relay 1 Delay	
Add 10 minutes*		

*10 seconds in Test mode

▲ Factory Settings
▲ Walk-Through Mode enabled

▲ = ON ▼ = OFF

Technical Specifications on Page U-127.

All devices listed on this page conform to NEMA WD-1 and WD-6.