Occupancy & Vacancy Sensors & Timers
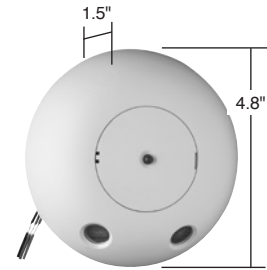# Commercial Occupancy Sensors
Ultrasonic Ceiling Mount
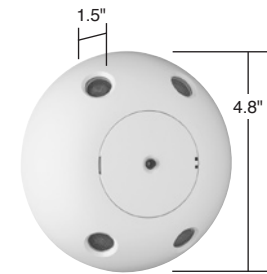
Pass & Seymour

legrand

Features

- Advanced signal processing circuitry helps to eliminate false ONs.
- Utilizes advanced, omni-directional (360°), Doppler technology for reliable occupancy detection.
- Angled transmitter and receiver pairs help optimize sensitivity while eliminating unwanted detection from ceiling air movement.
- Digital DIP switch time delay (15 seconds to 30 minutes).

- LED indicates occupancy detection.
- Reliable solid-state construction.
- Temperature and humidity resistant 32 kHz receivers.
- Mounts to ceiling tiles or box.
- Units per power pack: up to 4.
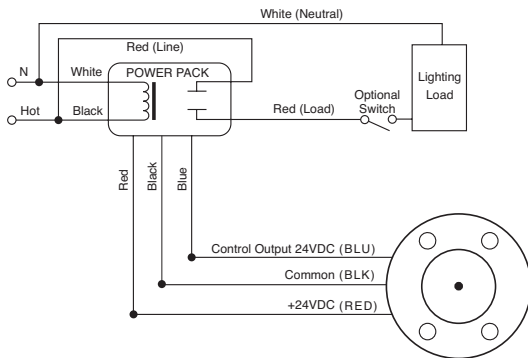- cULus listed.
- 5-year warranty.

1.5"
4.8"

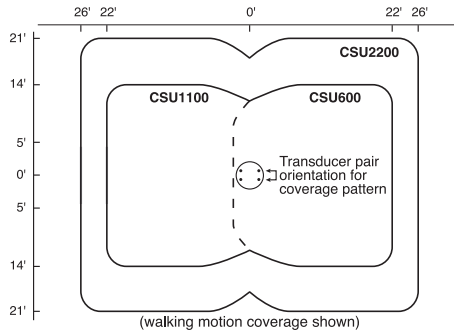**CSU600**

1.5"
4.8"

CSU1100
CSU2200

Catalog Number	Description	Rating	Coverage	Override and Output Disable	Color
NEW Ultrasonic Ceiling Mount Sensors					
CSU600	Ultrasonic Occupancy Sensor	24VDC Input, requires Power Pack 27mA	360°, 500 sq. ft. One-sided	Yes	White
CSU1100	Ultrasonic Occupancy Sensor	24VDC Input, requires Power Pack 30mA	360°, 1100 sq. ft. Two-sided	Yes	White
CSU2200	Ultrasonic Occupancy Sensor	24VDC Input, requires Power Pack 30mA	360°, 2200 sq. ft. Two-sided	Yes	White

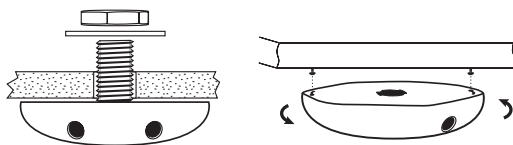Reference Page M-15 for Power Packs.

CSU600/CSU1100/CSU2200 Wiring

White (Neutral)
Red (Line)
N
White
POWER PACK
Hot
Black
Red (Load)
Optional Switch
Lighting Load
Red
Black
Blue
Control Output 24VDC (BLU)
Common (BLK)
+24VDC (RED)

Coverage

26' 22'   0'   22' 26'
21'
14'   CSU2200
CSU1100   CSU600
5'
0'   Transducer pair orientation for coverage pattern
5'
14'
21'   (walking motion coverage shown)

Mounting

Attached to a vibration-free surface. Mount the sensors with the receivers facing the area of coverage. Note: Place 4' away from supply ducts, 6' from horizontal discharge ducts, and 6" from power packs.

DIP Switch Settings

● =ON – =OFF

Time Delay	1	2	3	4	5	6
15 seconds	●	–	–	–	–	–
2 minutes	–	●	–	–	–	–
4 minutes	–	–	●	–	–	–
6 minutes	–	●	●	–	–	–
8 minutes	–	–	–	●	–	–
10 minutes	–	●	–	●	–	–
12 minutes	–	–	●	●	–	–
14 minutes	–	●	●	●	–	–
*16 minutes	–	–	–	–	●	–
18 minutes	–	●	–	–	●	–
20 minutes	–	–	●	–	●	–
22 minutes	–	●	●	–	●	–
24 minutes	–	–	–	●	●	–
26 minutes	–	●	–	●	●	–
28 minutes	–	–	●	●	●	–
30 minutes	–	●	●	●	●	–
Output Disable	–	–	–	–	–	–
Override						●

* = factory preset

Technical Specifications on Page U-131.

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