

IOS-DDR Series

Occupancy/Vacancy Sensor

The IOS-DDR Series Occupancy/Vacancy Sensors automatically turn lighting ON when body heat in the control area is detected and turn lighting OFF when the presence is no longer detected.

Features

- Passive Infrared Technology
- Controls two loads independently
- Zero crossing function
- Adjustable sensitivity settings
- No neutral wire required
- Time delay OFF range of 15 seconds to 30 minutes
- Standard decorator wall plate included
- Meets California Title 24 Requirements
- UL/cUL listing

Ratings

Time Delay: 15 Seconds to 30 Minutes

Operating Temperature: 32°F to 131°F (0°C to 55°C)

Switch Ratings:

Tungsten: 800W, 120 VAC

Fluorescent:

800 VAC, 120 VAC
1600 VA, 277 VAC
(Electronic / Magnetic Ballasts)

Motor: ¼ HP, 120 VAC

Coverage: 180°, Max 1200 sq. ft

Warranty: Limited 5 year

Dimensions: 1.63" H x 1.69" W x 1.30" D

Project: _____

Location: _____

Product Type: _____

Contact/Phone: _____

Model #: _____

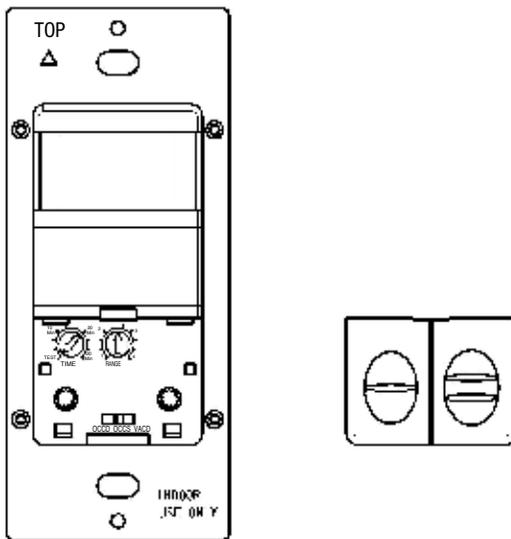
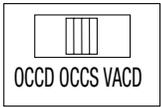
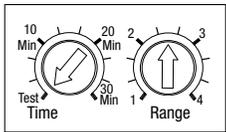


Specification

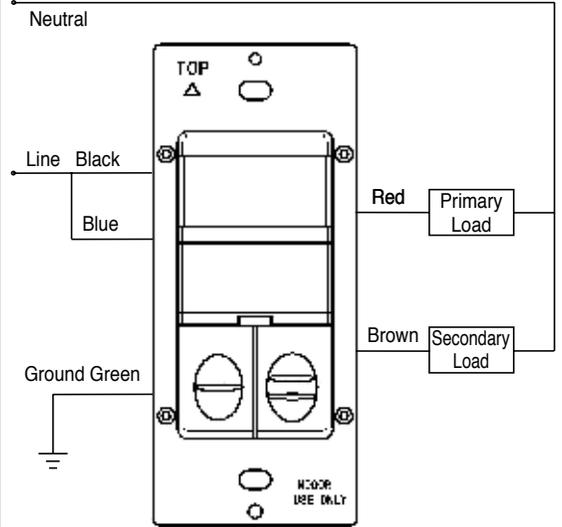
The commercial grade, decorator, dual Load PIR wall mount sensor 120/277V for the incandescent/ electronic fluorescent sensor shall be capable of detecting presence in the control area by detecting changes in infrared energy. The sensor shall utilize zero crossing circuitry on both relays to reduce stress on relays and increase sensor life. The sensor shall utilize two relays capable of simultaneously controlling independent lighting loads or circuits. The secondary relay is isolated, allowing for two-circuit control. The sensor shall have no minimum load requirement and shall be capable of switching from 0 to 800 Watt incandescent, 0 to 800 Watt fluorescent, or ¼ HP @ 120 VAC, 50/60Hz, and 0 to 1600 Watt fluorescent @ 277 VAC, 50/60Hz. The sensor shall cover up to 1,200 sq. ft. for walking motion, with a field view of 180 degrees. The sensor shall have a time delay range of 15 seconds to 30 minutes. In Automatic Mode, the sensor shall be capable of automatically returning to Automatic-ON after the lights are turned OFF manually. The sensor shall have an LED indicator to verify detection within the area to be controlled. The sensor shall have a standard 5-year warranty and shall be UL and CUL listed. The dual load sensor shall be Intermatic model IOS-DDR-WH-White.

Diagrams

IOS-DDR

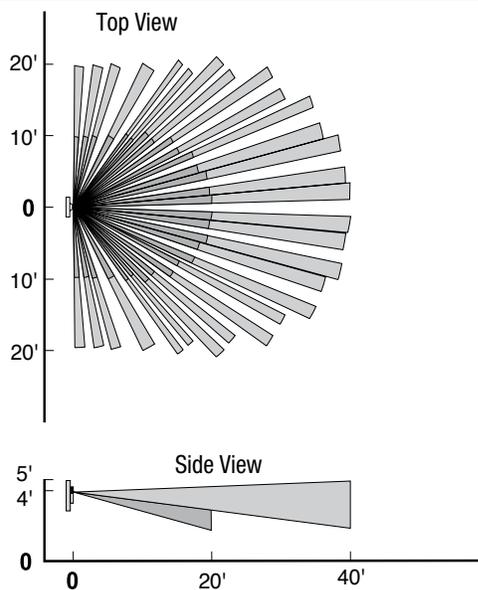


Single Power Source



Field of Vision

Maximum: 1200 sq.ft.



180° Field of View

Dual Power Source

