

### IOS-CMP-DT-U

#### Dual Technology

#### Line Voltage Ceiling Mount Occupancy Sensor

The IOS-CMP-DT-U ceiling mount unit turns lights ON and OFF when presence is detected by a combination of Ultrasonic and PIR sensing technologies.

#### Features

- Ultrasonic and PIR sensing improves presence detection while avoiding false
- Triggers, even in the case of areas with partitions and/or small movements
- Zero-crossing technology for long life and performance
- Adjustable time delay and optional walk-thru detection mode
- Adjustable ambient light sensor override
- Requires neutral connection
- Limited 2-year warranty

#### Ratings

Voltage:	120/277 VAC, 50/60 Hz
Incandescent:	800 W, 120 VAC, 50/60 Hz
Electronic Ballast:	5 A, 120/277 VAC, 50/60 Hz
Motor:	¼ HP, 120 VAC, 50/60 Hz
Adjustable Ambient	Light Level: 10 fc to Daylight
Selectable Time Delay:	5 sec to 30 min (DIP switch)
Test Mode:	5 sec upon initial power-up
PIR Sensitivity Adjustment:	50% or 100% (DIP switch)
Ultrasonic Sensitivity Adjustment:	30% to 100%
Coverage - PIR:	up to 1600 ft <sup>2</sup>
Ultrasonic:	up to 1000 ft <sup>2</sup>
Temperature Range:	32° F to 122° F (0° C to 50° C)
Dimensions:	1.38" H 4.53" o

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Product Type: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

Model #: \_\_\_\_\_



## Specification

The PIR/Ultrasonic ceiling mount sensor 120/277 VAC switch shall be compatible with incandescent/fluorescent/CFL and LED loads and shall be capable of detecting presence and sound in the control area. The sensor shall utilize zero crossing circuitry to reduce stress on the relay and increase sensor life. 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, 5 A, 120/277 VAC electronic ballast, or ¼ HP, 120 VAC, 50/60 Hz. The sensor shall cover up to 1600 ft<sup>2</sup> PIR and up to 1000 ft<sup>2</sup> Ultrasonic, with a field view of 360 degrees. The sensor has a time delay range of 5 seconds to 30 minutes. The sensor shall have a limited 2-year warranty and shall be UL and CUL listed. The sensor shall be Intermatic model IOS-CMP-DT-U.

## Diagrams

