Project: _____

Location: _____

Product Type: _____

Contact/Phone: _____

Model #: _____

IOS-CMP-DT-LV
Dual Technology
Low Voltage Celing Mount Occupancy Sensor

This ceiling mount sensor uses a combination of Passive Infrared (PIR) and ultrasonic technologies, and a remote power pack unit, to detect occupancy and ambient light levels in a specific area

Features
- Ultrasonic and PIR sensing for presence detection, even in the
- case of areas with partitions and/or with small movements
- Low voltage, remote-mounted sensor
- Adjustable time delay and optional walk-thru detection mode
- Adjustable ambient light sensor override
- Powered by IOS-PP24 power pack

Ratings

Voltage:	24 VDC
Current Consumption:	20 mA
Power Supply:	IOS-PP24 Power Pack
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 ft2
Ultrasonic:	up to 1000 ft2
Temperature Range:	32° F to 122 °F (0° C to 50° C)
Dimensions:	1.38" H 4.53" o

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Specification

The sensor shall be capable of detecting presence in the control area by detecting changes in infrared energy as well as by picking up sounds. The sensor is to be powered by a 24 V power Class 2 Power supply, IOS-PP4 or equivalent. The sensor shall cover up to 1600 ft^2 of movement and 1000 ft of sound, with a field view of 360 degrees when mounted on a ceiling height between 8 – 11 ft. The sensor shall have a time delay ranging from 5 seconds to 30 minutes. The sensor shall include a light sensor to override turning lights on in the case there is sufficient ambient light. The sensor shall have an LED that remains active at all times to verify detection in the controlled area. Sound warning??? The sensor shall have a limited 2-year warranty. The sensor shall be Intermatic model IOS-CMP-DT-LV.

Diagrams