

## Occupancy Sensor - Commercial Grade Low-Voltage Ceiling Mount Dual Tech Occupancy/Vacancy Sensor, White

Item IOS-CMP-DT-LV



### PRODUCT DESCRIPTION

The IOS-CMP-DT-LV 360° Dual Technology Low Voltage Occupancy Sensors control the load based on occupancy and ambient light levels. It combines passive infrared (PIR) and ultrasonic technologies to help avoid false triggering while increasing presence detection. Selectable modes allow the sensor to turn load ON and hold it ON as long as either or both technologies detect occupancy. If no movement is detected for a user-specified time of 5 seconds to 30 minutes, the load is turned OFF. The occupancy sensor provides a 360° coverage pattern, up to 1600 ft<sup>2</sup> (150m<sup>2</sup>) for PIR and 1000 ft<sup>2</sup> (93m<sup>2</sup>) for Ultrasonic sensor.

### FEATURES

- ▶ Ultrasonic and PIR sensing for presence detection, even in areas with partitions and/or with small movements
- ▶ Low-voltage, ceiling mounted sensor
- ▶ Coverage: 360°, 1600 ft<sup>2</sup> PIR, 1000 ft<sup>2</sup> Ultrasonic mounted on 8 to 11 ft ceiling
- ▶ Adjustable time delay
- ▶ Adjustable ambient light sensor override
- ▶ Powered by IOS-PP24 power pack, sold separately
- ▶ Selectable ON/OFF Delay
- ▶ Adjustable sensitivity settings for PIR and Ultrasonic technologies

### APPLICATIONS

- ▶ Indoor Sensing Control

### TECHNICAL DATA

#### General

Model Number	IOS-CMP-DT-LV
Description	Commercial Grade Low-Voltage Ceiling Mount Dual Tech Occupancy/Vacancy Sensor, White
UPC Code	078275148376
Brand	Intermatic
Warranty Period	2-Year limited
Country of Origin (Intermatic)	CHINA
Market	Commercial; Industrial; Residential; Utility

#### Control Specifications

Sensor Switch Type	Occupancy
Sensor Technology	Dual Technology (PIR/Ultrasonic)
Adjustable Time Delay Min	5 sec
Adjustable Time Delay Max	30 min
Adjustable Light Level Min	10 fc
Adjustable Light Level Max	Daylight
PIR Coverage Area (sq ft)	1600
Ultrasonic Coverage Area (sq ft)	1000

#### Mechanical Specifications

Mount Type	Ceiling
Maximum Mounting Height (ft)	8-11 ft

#### Dimensions

Product Height (in)	1 3/8
Product Height (mm)	35
Product Diameter (in)	4 9/16
Product Diameter (mm)	116

#### Material Specifications

Color	White
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#### Load Ratings

Electronic Ballast LED	Please see IOS-PP24
Resistive Heater	Please see IOS-PP24
Fluorescent Lamps	Please see IOS-PP24
Resistive Load Ratings Ranges	Please see IOS-PP24
Motor Load Ratings Ranges	Please see IOS-PP24
Ballast Fluorescent Ranges	Please see IOS-PP24
Tungsten (Incandescent) Range(s)	Please see IOS-PP24

#### Electrical Specifications

Input Voltage Range(s)	24 VDC
Occupancy Sensor Power Type	Low Voltage
Maximum Current Consumption (mA)	20

#### Power Connection

Power Supply	IOS-PP24
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#### Packaging

Shipping Weight (lbs)	0.5
Shipping Weight (kg)	0.227
Unit Carton Dimensions (H x W x L) in	2.12 x 5 x 4.88 in

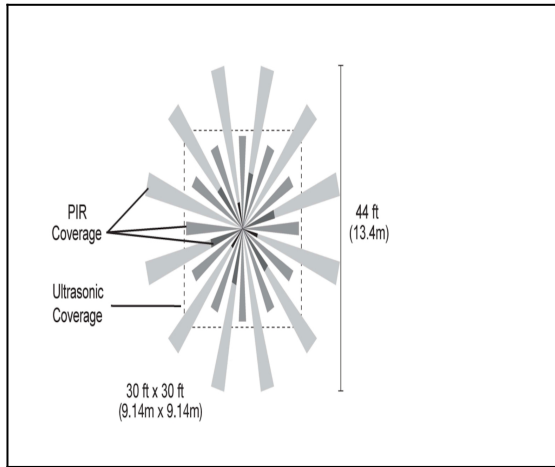
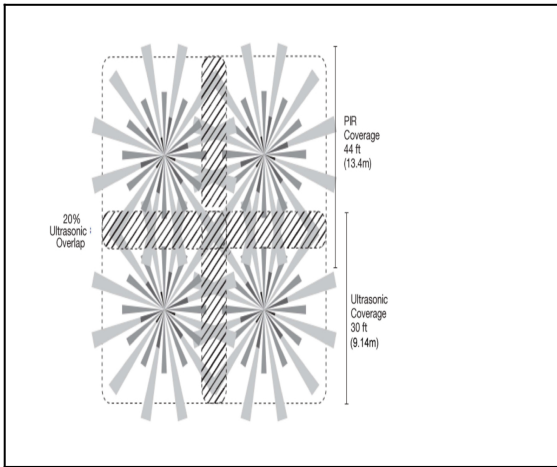
#### Environmental Specifications

Temperature (operation)	32 - 122°F / 0 - 50°C
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#### Standards and Certifications

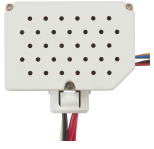
Other Certifications and Compatibilities	Title 20
California Proposition 65	None
Epi Certifications	Title 20

## DRAWINGS AND DIAGRAMS



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## ACCESSORIES



IOS-PP24  
Commercial Grade Low-Voltage Power Pack