

Occupancy Sensor - Commercial Grade In-Wall 0-10 V Dimming Dual Tech Occupancy/Vacancy Sensor, White

Item IOS-DOV-DTD-WH



PRODUCT DESCRIPTION

Intermatic's IOS-DOV-DTD-WH dual technology 0-10 V dimming occupancy sensor can turn lights ON and OFF based on occupancy and allow the user to increase or decrease the lighting level. It combines the benefits of passive infrared (PIR) and ultrasonic occupancy detection technologies.

FEATURES

- ▶ Ultrasonic and Passive Infrared (PIR) sensing for presence detection, even in areas with partitions and/or with small movements
- ▶ Coverage: 180°, up to 35 ft PIR, up to 27 ft Ultrasonic
- ▶ Adjustable time delay
- ▶ Adjustable initial on light level
- ▶ Adjustable low trim level
- ▶ Adjustable high trim level

APPLICATIONS

- ▶ Indoor Sensing Control

TECHNICAL DATA

General

Model Number	IOS-DOV-DTD-WH
Description	Commercial Grade In-Wall 0-10 V Dimming Dual Tech Occupancy/Vacancy Sensor, White
UPC Code	078275152694
Brand	Intermatic
Warranty Period	5-Year limited
Country of Origin (Intermatic)	TAIWAN

Control Specifications

Sensor Switch Type	Occupancy; Vacancy
Sensor Technology	0 -10 Volt Dimming; Dual (PIR/Ultrasonic); Zero-crossing
Has Walk-Through Detection	Yes
Ultrasonic Coverage Area (sq ft)	400
PIR Coverage Area (sq ft)	1120
Application Compatibilities	LED; Tungsten; Standard Ballast
Adjustable Ambient Light Level Detection	Auto-detecting
Adjustable Time Delay	30 sec to 30 min
Adjustable Sensitivity Settings	PIR - 60%-100%, Ultrasonic - 20%-100%

Mechanical Specifications

PIR Coverage Pattern (degrees)	180
Mount Type	In-Wall

Dimensions

Product Height (in)	4.625
Product Height (mm)	117.475
Product Width (in)	3

Product Width (mm)	76.2
Product Depth (in)	2.19
Product Depth (mm)	55.626

Material Specifications

Color	White
Includes Wall Plate	Yes

Load Ratings

Electronic Ballast LED	600 VA, 120 VAC; 1385 VA, 277 VAC
Tungsten Range(s)	1000 W, 120 VAC; 1385 W, 277 VAC
Resistive Load Ratings Ranges	10 A, 125/250/277 VAC
Motor Load Ratings Ranges	1/6 HP, 120/240 VAC
Magnetic Ballast (NO) Range(s)	660 VA, 120 VAC; 1100 VA, 220 VAC; 1520 VA, 277 VAC
General Purpose (NO) Range(s)	12 A

Electrical Specifications

Input Voltage Range(s)	120-277 VAC, 50/60 Hz
Occupancy Sensor Power Type	Line Voltage
Number of Circuits	1
Neutral Connection Required	Yes
Hz	50/60

Packaging

Shipping Weight (lbs)	0.307
Shipping Weight (kg)	0.139
Unit Carton Dimensions (H x W x L) in	4.625 x 3 x 2.19 in
Product Weight (lbs)	0.37

Environmental Specifications

Temperature (operation)	32 - 131°F / 0 - 55°C
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Standards and Certifications

UL Certification	cULus
Other Certifications and Compatibilities	Green Energy +
California Proposition 65	None
RoHS Certification	N/A