INTERMATIC

Occupancy Sensor - Commercial Grade In-Wall Dual Tech Occupancy/Vacancy Sensor, White

Item IOS-DOV-DT-WH

PRODUCT DESCRIPTION

The IOS-DOV-DT series Dual Technology Occupancy Sensors In-Wall sensor switch controls a load based on occupancy, vacancy 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 15 seconds to 30 minutes, the load is turned OFF. The sensor provides a 180° coverage pattern, up to 1200 ft2 (110m2) for PIR and 400 ft2 (37m2) for Ultrasonic sensor.

FEATURES

► Ultrasonic and Passive Infrared (PIR) sensing for presence detection, even in areas with partitions and/or with small movements
► Coverage: 180°, 1200 ft2 PIR, 400 ft2 Ultrasonic
► Zero-crossing technology for long life and performance
► Adjustable time delay
► Optional walk-through detection mode
► Adjustable ambient light sensor override
► Incandescent/Fluorescent/CFL/LED compatible
► Requires neutral connection
► Fits standard decorator wall plate (included)
► Adjustable Sensitivity Settings: 30% - 100%

APPLICATIONS

► Indoor Sensing Control

TECHNICAL DATA

General	
Model Number	IOS-DOV-DT-WH
Description	Commercial Grade In-Wall Dual Tech Occupancy/Vacancy Sensor, White
UPC Code	078275148369
Brand	Intermatic
Warranty Period	2-Year limited
Country of Origin (Intermatic)	CHINA

Control Specifications	
Sensor Switch Type	Occupancy; Vacancy
Sensor Technology	Dual Technology (PIR/Ultrasonic); Zero-crossing
Adjustable Time Delay Min	15 sec
Adjustable Time Delay Max	30 min
Adjustable Light Level Min	10 fc
Adjustable Light Level Max	Daylight
Has Walk-Through Detection	Yes
Ultrasonic Coverage Area (sq ft)	400
PIR Coverage Area (sq ft)	1200
Application Compatibilities	Incandescent; Fluorescent; CFL; LED

Mechanical Specifications	
PIR Coverage Pattern (degrees)	180
Maximum Mounting Height (ft)	4 ft

Mount Type	In-Wall

Dimensions

Product Height (in)	2.625
Product Height (mm)	67
Product Width (in)	1.313
Product Width (mm)	33
Product Depth (in)	1.75
Product Depth (mm)	44

Material Specifications

Color	White
Includes Wall Plate	Yes

Load Ratings

Tungsten Range(s)	800 W, 120 VAC
Resistive Load Ratings Ranges	800 W, 120 VAC
Motor Load Ratings Ranges	1/4 HP, 120 VAC
Electronic Ballast Load Ratings Ranges	600 VA, 120 VAC; 1385 VA, 277 VAC

Electrical Specifications

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

Packaging

Shipping Weight (lbs)	0.4
Shipping Weight (kg)	0.181
Unit Carton Dimensions (H x W x L) in	4.75 x 3 x 2.125 in

Environmental Specifications

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

Standards and Certifications

UL Certification	cULus
Other Certifications and Compatibilities	Title 20; Green Energy +
California Proposition 65	None
RoHS Certification	N/A