Occupancy Sensor - Commercial Grade Self-Adaptive In-Wall PIR Occupancy/Vacancy Sensor, No Neutral Required, White

Item IOS-DSR-WH



PRODUCT DESCRIPTION

The passive infrared sensors work by detecting the difference between heat emitted from the human body in motion and the background space. The sensor switch can turn a load ON and hold it as long as the sensor detects occupancy. After no motion is detected for the set time delay, the load turns OFF automatically. The sensor switch has one relay (equal to single pole switch), it also includes Auto Set and Walk Through features.

FEATURES

- Passive Infrared (PIR) sensing for presence detection.
- Coverage: 180º, 1200 ft2 with non-obstructed views.
- User-selectable Vacancy or Occupancy switch mode.
- Zero-crossing technology for long life and performance.
- Automatic self-adaptive time delay based on occupancy patterns.
- IOS-DSR/DDR models feature optional walk-through detection mode.
- Adjustable ambient light sensor override.
- Incandescent/Fluorescent/CFL/LED compatible.
- IOS-DOV models require a neutral connection.
- Fits standard decorator wall plate (included).

APPLICATIONS

- Indoor Sensing Control

TECHNICAL DATA

General	
Model Number	IOS-DSR-WH
Description	Commercial Grade Self-Adaptive In-Wall PIR Occupancy/Vacancy Sensor, No Neutral Required, White
UPC Code	078275125186
Brand	Intermatic
Warranty Period	5-Year limited
Country of Origin (Intermatic)	CHINA

Control Specifications	
Sensor Switch Type	Occupancy; Vacancy
Sensor Technology	PIR (Passive Infrared); Zero-crossing
Has Walk-Through Detection	Yes
PIR Coverage Area (sq ft)	1200
Application Compatibilities	Incandescent; Fluorescent; CFL; LED
Adjustable Ambient Light Level Detection	30 lux to daylight
Adjustable Time Delay	15 sec to 30 min
Adjustable Sensitivity Settings	30%-100%

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
Finish	Gloss

Load Ratings	
Electronic Ballast LED	800 VA, 120/125 VAC; 1600 VA, 277 VAC
Tungsten Incandescent (NO) Range(s)	800 W, 120/125 VAC

Electrical Specifications	
Input Voltage Range(s)	120/277 VAC, 60 Hz
Occupancy Sensor Power Type	Line Voltage
Number of Circuits	1
Neutral Connection Required	No
Watts	800

Packaging	
Shipping Weight (lbs)	0.4
Shipping Weight (kg)	0.181
Unit Carton Dimensions (H x W x L) in	5 x 2.25 x 3 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

Technical specifications and other information are subject to change without notice. Images can vary from original.