Occupancy Sensor - Commercial Grade In-Wall PIR Occupancy/Vacancy Sensor, Ivory

Item IOS-DOV-IV

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 Ambient Light Level Sensor.

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
► Adjustable ambient light sensor override
► Incandescent/Fluorescent/CFL compatible
► IOS-DOV models require a neutral connection
► Fits standard decorator wall plate (included)
► Automatic ON/OFF Control
► Push button ON/OFF

APPLICATIONS

► Indoor Sensing Control

TECHNICAL DATA

General

Model Number	IOS-DOV-IV
Description	Commercial Grade In-Wall PIR Occupancy/Vacancy Sensor, Ivory
UPC Code	078275125216
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
Adjustable Time Delay Min	15 sec
Adjustable Time Delay Max	30 min
Adjustable Light Level Min	30 lux
Adjustable Light Level Max	Daylight
PIR Coverage Area (sq ft)	1200
Application Compatibilities	Incandescent; Fluorescent; CFL

Mechanical Specifications

PIR Coverage Pattern (degrees)	180
Maximum Mounting Height (ft)	4 ft
Mount Type	In-Wall

Dimensions

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

© 01/13/2026   1/2

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	Ivory
Includes Wall Plate	Yes

Load Ratings

Tungsten Range(s)	800 W
Resistive Load Ratings Ranges	12 A
Motor Load Ratings Ranges	1/4 HP
Electronic Ballast Load Ratings Ranges	800 VA
Ballast Ranges	800 VA

Electrical Specifications

Input Voltage Range(s)	120 VAC, 60 Hz
Occupancy Sensor Power Type	Line Voltage
Number of Circuits	1
Neutral Connection Required	Yes
Watts	800
Hz	60
Amperage	20 A

Packaging

Shipping Weight (lbs)	0.399
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.

© 01/13/2026   2/2