

Occupancy Sensor - Commercial Grade Dual Load In-Wall PIR Occupancy/Vacancy Sensor, No Neutral Required, White

Item IOS-DDR-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 IOS-DDR has two relays (equal to Dual Load Switch).

FEATURES

- ▶ Passive Infrared (PIR) sensing for presence detection
- ▶ Coverage: 180°, 1200 ft2 with non-obstructed views
- ▶ Independent load control for each circuit
- ▶ Zero-crossing technology for long life and performance
- ▶ Incandescent/Fluorescent/CFL/LED compatible
- ▶ IOS-DDR-WH does NOT require a neutral
- ▶ Fits standard decorator wall plate (included)
- ▶ Time delay OFF ranging from 15 seconds to 30 minutes
- ▶ Two ON/OFF push buttons allow control of two loads independently
- ▶ Multiple configurations (e.g. auto ON-manual ON, auto ON-auto ON) for primary and secondary loads

APPLICATIONS

- ▶ Indoor Sensing Control

TECHNICAL DATA

General	
Model Number	IOS-DDR-WH
Description	Commercial Grade Dual Load In-Wall PIR Occupancy/Vacancy Sensor, No Neutral Required, White
UPC Code	078275125568
Brand	Intermatic
Warranty Period	5-Year limited
Country of Origin (Intermatic)	CHINA
Application Compatibilities	Incandescent; Fluorescent; CFL; LED
Market	Commercial; Industrial; Residential; Utility

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
Has Walk-Through Detection	Yes
PIR Coverage Area (sq ft)	1200

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

Maximum Mounting Height (ft)	4 ft
------------------------------	------

Dimensions

Product Height (in)	2.625
Product Height (mm)	67
Product Width (in)	1 5/16
Product Width (mm)	33
Product Depth (in)	1.75
Product Depth (mm)	44

Material Specifications

Color	White
Includes Wall Plate	Yes

Load Ratings

Electronic Ballast LED	800 VA, 120 VAC; 1600 VA, 277 VAC
Resistive Load Ratings Ranges	800 W, 120 VAC
Inductive Load Ratings Ranges	800 VA, 120 VAC; 1600 VA, 277 VAC
Motor Load Ratings Ranges	1/4 HP, 120 VAC
Ballast Fluorescent Ranges	800 VA, 120 VAC; 1600 VA, 277 VAC
Tungsten (Incandescent) Range(s)	800 W, 120 VAC
Resistive Heater	800 W, 120 VAC

Electrical Specifications

Input Voltage Range(s)	120/277 VAC, 50/60 Hz
Occupancy Sensor Power Type	Line Voltage
Number of Circuits	2

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
California Proposition 65	None