



Exceptional Motion Detection for Indoor Applications

OMNI

The OMNI Ceiling Mount Occupancy/Vacancy Sensor is designed for medium to large spaces with ceilings up to 12' in height. When a person passes into or out of a sensor zone, the sensor detects motion and switches the lights ON. The lights will remain ON as long as there is an occupant in the room. When the space being monitored by the sensor is unoccupied the unit will switch the lights OFF. For large spaces, up to four sensors can be linked together to control the lighting as a single group. This makes the OMNI sensor ideal for spaces such as cafeterias, classrooms, large bathrooms, offices with cubicles and more.

OMNI sensors utilize Smart IntelliDAPT® Technology to analyze the controlled area and make digital adjustments to both sensitivity and timing settings for optimal performance, energy savings, and maintenance-free install-and-forget operation.



Features

- Ultrasonic (US) and Passive Infrared (PIR) technologies for unequalled motion detection
- Smart IntelliDAPT Technology eliminates false triggers
- 500 - 2,000 square-foot coverage area per sensor (depending on model)
- Optional relay and photocell control
- Five year warranty

Applications



Classrooms



Libraries



Conference Rooms



Large Bathrooms

General Specifications

	OMNI DT	OMNI US	OMNI IR
Technology	Passive Infrared/Ultrasonic	Ultrasonic	Passive Infrared
IntelliDAPT® Technology	Yes	Yes	Yes
LED Lamp	Red/Green	Green	Red
Timer Timeout	Automatic mode: 8–30 minutes Test mode: 8 seconds	Automatic mode: 8–30 minutes Test mode: 8 seconds	Automatic mode: 8–30 minutes Test mode: 8 seconds
Voltage	24VDC	24VDC	24VDC
Coverage	500, 1000, 2000 sq ft	500, 1000, 2000 sq ft	450, 1500 sq ft
Dimensions	Ø4.5", 1.5" H (Ø114.3mm, 38.1mm H)	Ø4.5", 1.5" hH (Ø114.3mm, 38.1mm H)	Ø4.5" 1.5" H (Ø114.3mm, 38.1mm H)
Applications	Indoor	Indoor	Indoor
Operating Environment	Operating temperature: 32° to 104°F (0° to 40°C) Relative humidity (non-condensing): 0% to 95%	Operating temperature: 32° to 104°F (0° to 40°C) Relative humidity (non-condensing): 0% to 95%	Operating temperature: 32° to 104°F (0° to 40°C) Relative humidity (non-condensing): 0% to 95%
PowerPack	Not Included	Not Included	Not Included
Photocell	Yes - RP Option	Yes - RP Option	Yes - RP Option
NO/NC Relay	Yes - RP Option	Yes - RP Option	Yes - RP Option
Colors	Off-white	Off-white	Off-white
Certifications	UL and cUL listed	UL and cUL listed	UL and cUL listed
Warranty	5-year	5-year	5-year

Ordering Information

OMNI DT

OMNI	DT		
MODEL	TECHNOLOGY	COVERAGE	RELAY/PHOTOCELL OPTION
OMNI OMNI Sensor	DT Dual Technology	500 500 sq. ft. 1000 1,000 sq. ft. 2000 2,000 sq. ft.	RP Relay/Photocell Blank No Relay/Photocell

Ordering Example: OMNIDT500

OMNI US

OMNI	US		
MODEL	TECHNOLOGY	COVERAGE	RELAY/PHOTOCELL OPTION
OMNI OMNI Sensor	US Ultrasonic	500 500 sq. ft. 1000 1,000 sq. ft. 2000 2,000 sq. ft.	RP Relay/Photocell Blank No Relay/Photocell

Ordering Example: OMNIUS1000RP

OMNI PIR

OMNI	IR		
MODEL	TECHNOLOGY	COVERAGE	RELAY/PHOTOCELL OPTION
OMNI OMNI Sensor	IR Passive Infrared	L Long Range IR, 1,500 sq. ft. Blank 450 sq. ft.	RP Relay/Photocell Blank No Relay/Photocell

Ordering Example: OMNIIRL