

POVS-1ZBS Series PIR Occupancy/Vacancy Sensor

Seamless Protection



- Mini-sized with multi-functions
- Deployed as Occupancy or Vacancy sensor
- 360° degrees rotation on magnetic base
- Built-in temperature sensor
- Built-in light sensor

The multi-functional ZigBee PIR Occupancy Vacancy Sensor, POVS-1ZBS, can automatically turn lights ON when it detects the presence of a person, and automatically turn lights OFF when no presence is detected for a specific amount of time, a smart and easy way for optimal energy savings and convenience. With its small and sleek design, the POVS-1ZBS series can be attached at any location in any room of your home. The POVS-1ZBS series has a unique magnetic base allowing it to be turned to face any 360° angle and location, while remaining in place.

The PIR Occupancy Vacancy Sensor Series was designed based on the belief that sensors should have multiple useful functions and provide endless possibilities. The POVS-1ZBS can be used as an occupancy or vacancy sensor, with five selectable sensitivity levels. The POVS-1ZBS also has a built-in light sensor capable of monitoring the lux level of light in a room, thus enables security and home automation systems to dim or switch ON/OFF lighting in response to changing daylight availability.

The POVS-1ZBS's built-in temperature sensor will measure and report temperature changes, and can also be deployed to control the on/off of appliances to keep the room at the most suitable temperature and conserve energy usage. The PIR Occupancy Vacancy Sensor Series stands out as a broadly applicable device ready to make your home or business safer and smarter.

Features

- Detects movements by passive infrared technology
- Deployed as Occupancy/Vacancy Sensor
- Built-in temperature sensor measures ambient temperature
- Built-in light sensor monitors variations in light intensity
- Unique magnetic base for flexible installation
- Selectable sensitivity levels
- Flexible adjustable time delay
- Small, modern design
- Automatic power saving mechanism
- Regular supervision signals to check system integrity
- Low battery detection
- Compatible with other manufacturers' ZigBee systems
- Suitable for security and home automation usage

Specifications

Communication Protocol	ZigBee Pro Home Automation 1.2
Frequency	2.4GHz
Power Source	3V, CR123A Lithium battery x 1
Battery Life	4 years*
Time Delay/Adjustable Timeout	30sec, 1, 2, 5, 10, 20, 30 mins, 1hr
Sensitivity Levels	5 selectable sensitivity levels
Operating Temperature	-10°C to 45°C
Operating Humidity	Up to 85% non-condensing
Dimensions	⌀ 50mm x 55mm

*Note: Actual battery life may vary with product settings, operating environment and usage.

PIR Occupancy Vacancy Sensor Series

Ordering Information

PIR Occupancy Vacancy Sensor Series

POVS-1ZBS	PIR Occupancy/Vacancy Sensor
POVS-1L-ZBS	PIR Occupancy/Vacancy Sensor with Light Sensor
POVS-1T-ZBS	PIR Occupancy/Vacancy Sensor with Temperature Sensor
POVS-1LT-ZBS	PIR Occupancy/Vacancy Sensor with Light and Temperature Sensor