

PIR OCCUPANCY SENSOR

⚙ Description:

Omicron's Passive Infrared Occupancy Sensor is a low cost commercial and residential surface mount occupancy sensor. Advanced filtering reduces false triggering due to air movement and lighting changes. The sensor switches a dry contact which is wired to a separate controller. There is a tamper switch terminal as well, when the enclosure is opened up the central controller will be able to signal an alert.



Main Features:

- Intelligent logic control, anti false alarm efficiently
- Auto temperature compensation
- Pulse count adjustment
- Anti white light interference
- Anti RF interference (20V/m-1GHz)
- Fresnel lens
- Wall installation
- SMT design adopted
- Alarm output N.C./N.O. Optional

⚙ Specifications:

Operating voltage	:	12VDC / 24 VAC
Current consumption	:	≤18mA (24VAC)
Detecting distance	:	12m
Detecting angle	:	110°
Self-testing time	:	about 60S
Operating temperature	:	10~+50°C
Alarm indicator	:	red LED
Alarm output	:	N.C.or N.O., DC28V, 100mA
Anti dismantle output	:	N.C., DC28V, 100mA
Range of coverage	:	11 distance, 8 middle, 5 vicinities
Sensor	:	dual element infrared sensor
Operating temperature	:	-10 ~ +50°C
Environment humidity	:	95%RH (non condensing)
Anti RF interference	:	10MHz ~ 1GHz 20V/m
Installation mode	:	wall mounted or hanged in corner
Installation height	:	1.7 ~ 2.5m (2.2m is Proposed)
Outline Size	:	59(L) * 39.5(W) * 107(H) mm

