OCCUPANCY SENSOR:

CD-IR-WP

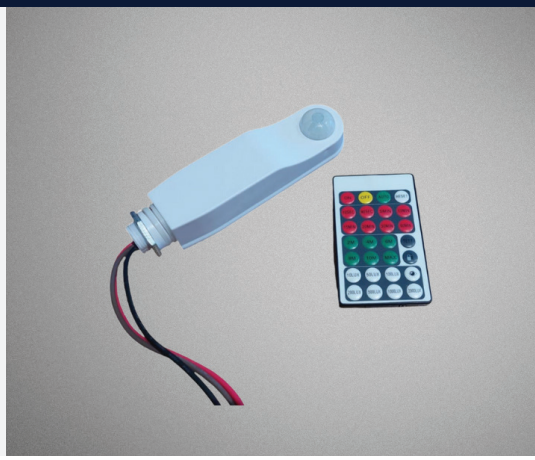
FIXTURE EXTERNAL ON/OFF PIR SENSOR WITH IP65

COSINE DEVELOPMENTS
LEADERS IN EMERGENCY LIGHTING

DESCRIPTION

The miniature PIR (passive infrared) presence detector provides automatic control of lighting loads. It is specifically designed for mounting onto a batten style luminaire. The detector will switch incandescent, fluorescent, compact fluorescent and LED lighting.

The unit detects movement using PIR sensor and turns the load on. When an area load is no longer occupied the load will switch off after 30 minutes. A selection of fixing washers are supplied to aid fixing to a variety of luminaires.



TECHNICAL DATA

POWER SOURCE	220 - 240Vac
FREQUENCY	50/60Hz
HUMIDITY	5 - 95% non-condensing
IP RATING	IP65
MATERIAL	Flame retardant ABS/PC
MAXIMUM SWITCHING LOAD	Fluorescent/ LED: 250W Resistive: 450W
POWER CONSUMPTION	On: 799mW Off: 807mW
SUPPLY VOLTAGE	220-240V
TEMPERATURE	-10ºC
MOUNTING HEIGHT	up to 7 meters

FEATURES

- 450W Rated Load
- Remote control setup
- Detection radius of up to 8m
- 30 minutes maximum time delay setting
- 2 year warranty
- IP65 Rated

INSTALLATION GUIDE

Install the occupancy sensor within the mounting height rating to ensure full function potential. Due to its sensitivity to body heat, the sensor is also sensitive to rapid changes in temperature within its detection range. Avoid mounting the sensor close to heating or cooling systems. The recommended distance from these HVAC systems is 1.5 meters. Movement in front of hot backgrounds may not be detected.

There must be no obstructions from the sensor to the occupants as the sensor is a line-of-sight device. The further the distance, the larger the blind spots. Keep sensors close to the desired detection zone and use more sensors to cover the targeted area efficiently.

High levels of vibration may cause false triggering. Avoid placing sensors close to heavy duty motors (lift motors, aircon duct systems or heavy-duty fans) that may cause the ceiling to vibrate.