

Slimline Indoor Surface Mount PIR Detector

Features

- Surface mount PIR detector for indoor applications
- Slimline design - 25mm deep
- Lux and Time delay setting
- Manual override function



Safety Instructions

1. These instructions should be read carefully and retained after installation for future reference and maintenance.
2. Ensure that the mains power is switched off before carrying out installation or maintenance.
3. Installation must be carried out in accordance with the current edition of IET wiring regulations BS 7671, and by a qualified electrician.
4. This PIR detector is for indoor use only. This PIR detector is of Class II construction.
5. Do not exceed the maximum load of the PIR detector. Ensure all electrical connections are secure and that there are no loose strands.

Environmental Instructions

This product may contain substances that can be hazardous to the environment if not disposed of properly. Electrical and electronic equipment should never be disposed of with general waste but must be separated for its correct treatment and recovery. Where possible recycle your packaging.

Installation Instructions

1. Twist and unclip the front cover. Use mounting points on the detector housing as a template, mark and drill holes on a mounting surface (Figure 1).

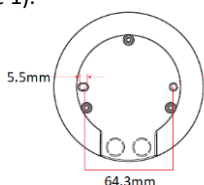


Figure 1

2. Feed the supply and load cables through the cable entry knockouts. Cables can be fed from rear or the side (Figure 2).

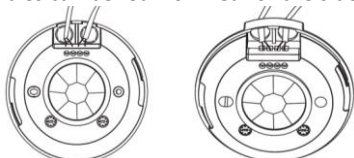


Figure 2 Rear cable entry

Side Cable entry

3. Terminate the supply and load conductors into terminal block ensuring correct polarity is observed (Figure 3).

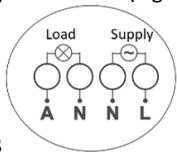


Figure 3

4. Secure the detector to the mounting surface via the 2 mounting holes using appropriate fixings.

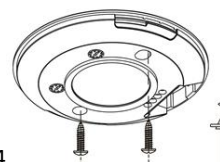


Figure 4

5. Set the PIR dials to the required settings and clip the front cover in place.

Note: It is important that the PIR detector is mounted at a correct height to ensure maximum detection range (figure 5).

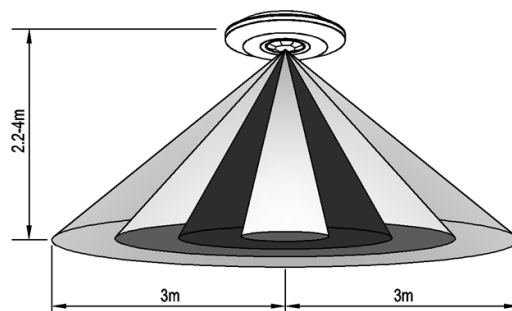


Figure 5

PIR Control

The PIR control dials are easily accessible by pivoting out the detector housing.

Time Control – The ON time can be adjusted to suit requirements. When dial is turned fully anticlockwise, the ON time is 10 secs. When dial is turned fully clockwise, the maximum ON time is 15 mins.

Lux Control – In the fully clockwise position, the PIR remains active during daylight and at night time. In the fully anti-clockwise position, the detector remains inactive during daylight.

At dusk, when the light level is at the desired level, adjust the dial anti-clockwise until the light turns on

Manual Override

To override the PIR (light stays on constantly) – When the PIR detector is in use, turn the power off and back on immediately twice in quick succession (off-on-off-on)

To return control to the PIR – Turn the power to the PIR detector off for more than 10 seconds and then turn it back on again



Specification

Input Voltage:	220V - 240V AC 50Hz	PIR Detection Range & Angle	6 meters @ 360°
Maximum Load:	2000W incandescent	PIR Time range	10 sec - 15 minutes approx..
	1000W LED and low voltage	Lux level range	10 - 2000 lux
IP Rating	IP20	PIR manual override	Yes
Electrical Class	II	Mounting Height	2.2 - 4m