

# INDOOR PIR SENSOR TO CONTROL LIGHTS (& FANS etc)

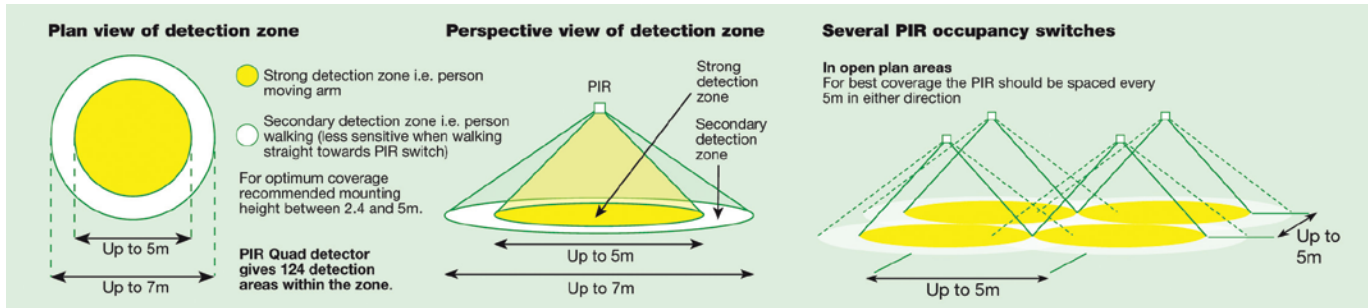
**Up to 70% Energy Savings**

**Saves energy and money:** By ensuring lights are turned off automatically when room is empty.

**Convenient:** No more fumbling in the dark as the PIR will turn the lights on for you automatically

**Ideal for:** Factories, Hotels, Schools, Offices, Toilets, Kitchens, Corridors, Pubs & Clubs, Houses, Garages etc

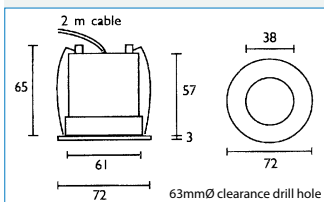
## Sensing Area



### Ceiling Recessed PIR

**Switch: PIR/D/REC**

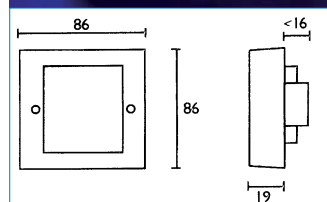
Optional "Splashproof" version available on request



### Ceiling Mounted PIR

**Switch: PIR/D/SM**

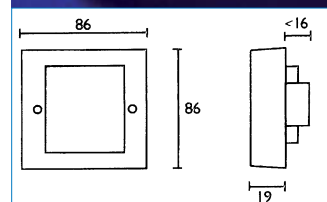
Can be mounted on optional square pattress box



### Wall Mounted PIR

**Switch: PIR/D/WM**

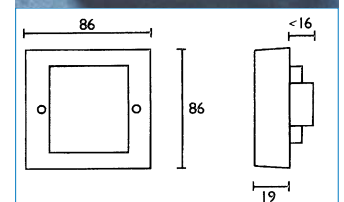
Can be mounted on optional square pattress box



### Wall Mounted PIR Switch -

**No Neutral: PIR/D/WM-NN**

Can be mounted on optional square pattress box



## Technical Specifications

All PIR Sensors feature a 360° Detection Zone.

Several PIR sensors can be wired in parallel for larger spaces. For best coverage the PIR sensors should be spaced every 5 metres in either direction.

**Voltage:** Standard PIRs are 230V, optional 24V PIRs are also available.

**PIR Quad Detector:** Detects movement of a warm body moving within its detection zone.

**Adjustable Time Lag:** This is the time that must elapse with no movement detected before the PIR will switch off. Adjustable from 10 seconds – 40 minutes.

**Adjustable Photocell:** Used to keep lights off when there is sufficient natural light. Range: 100 – 1000 Lux. The photocell can only be used in this way if the amount of natural light exceeds the level of artificial light. The photocell can be set to inactive when controlling H & V equipment.

**Loading:** Will switch up to 6 amps (1500W) of resistive, fluorescent or inductive lighting loads, or up to 1 amp (250W) of fans.

**Easy to Fit:** Only 3 wire connections needed – Live, neutral and switched live.

### Extra Specification for Wall Mounted PIR Switch - No Neutral:

Fits into a plaster depth (16mm) wall box. Has a manual override off switch on the front of the plate. Should only be used in applications where the lights would not be on for more than 12 hours per day. This is to allow its rechargeable battery enough time to recharge itself from the mains supply.

Minimum load 40W resistive or 100W inductive, or for wiring in parallel 50W resistive or 120W inductive per PIR/D/WM-NN in the circuit.



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