

# PIR OCCUPANCY SWITCHES



Order code:  
**WAPIR**

The WAPIR model replaces an existing wall switch – no neutral wire is needed. It fits into a plaster depth (16mm) wall box. The WAPIR model also has a manual override off switch on the front of the plate.

## Wall mounted PIR switch

### Applications

The WAPIR requires a permanent live supply, and 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.

The WAPIR is suitable for small offices, meeting rooms, tutoring rooms, etc.

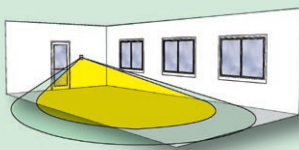
The override off button enables the lights to be held off during video presentations, etc.

For wall mounting only.

### Specification

Detection zone:	120°
Time lag range:	10 seconds to 40 minutes in 9 steps
Photocell range:	100 to 1000 lux, and inactive
Maximum Load:	1500W (6 amps) of any type of load (including fluorescent lights and fans)
Minimum Load:	40W resistive or 100W inductive, or for wiring in parallel 50W resistive or 120W inductive per WAPIR in the circuit. Load capacitors (order code LOAD CAP) can be supplied to augment small loads
Wiring diagram:	see diagram 19 below see diagram 20 below for wiring in parallel
Dimensions:	86 x 86 x 22mm. Wall box depth 16mm

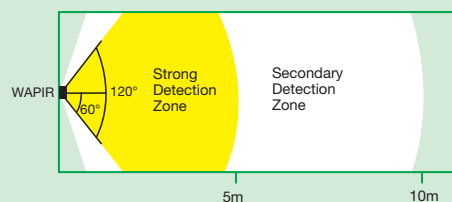
## Detection diagrams



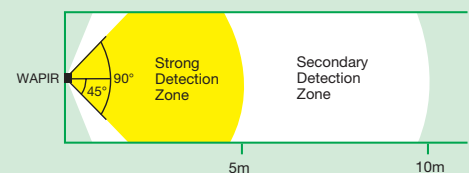
**Wall mounted PIR**

Ideal mounting height between 1 and 1.8m

**Plan view**

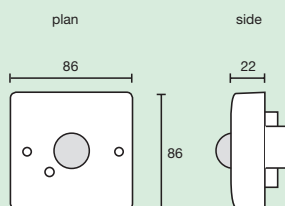


**Side elevation**



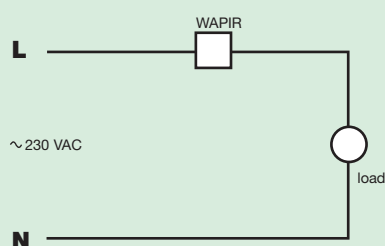
## Dimensions in mm

Requires 16mm deep wall box



## Wiring diagrams

**19. Single WAPIR**



**20. Several WAPIR wired in parallel**

