

## 12m WIDE ANGLE PIR DETECTOR

The 4600 is the Class 6 (Supervised) version of the 4100 PIR detector for operation with the FM4000 control panel.

Tamper protection includes a tilt switch to detect attempted removal from the wall in addition to lid tamper.

To prevent repeated transmissions and resultant battery drain, the PIR incorporates a 2 minute inhibit timer. When movement is detected the alarm is transmitted and then further transmissions are inhibited until it has seen no movement for two minutes.

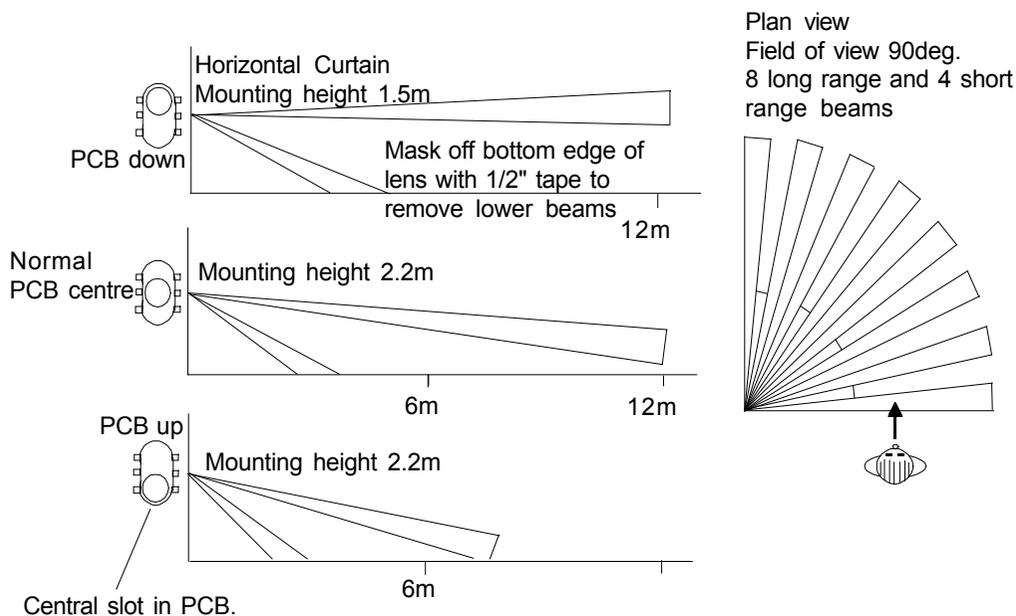
**PULSE COUNT FEATURE** A unique memory system is employed which stores the pulses from the Pyroelectric Infrared sensor and analyses these pulses before triggering an alarm. This system helps to overcome false alarms from many of the common heat sources.

**RECOMMENDED BATTERY** 9v Lithium battery is required (Available from FM Electronics)

**MOUNTING** Corner mount the detector at a height of 2.2metres so that anyone entering the room passes across the beams as shown below.

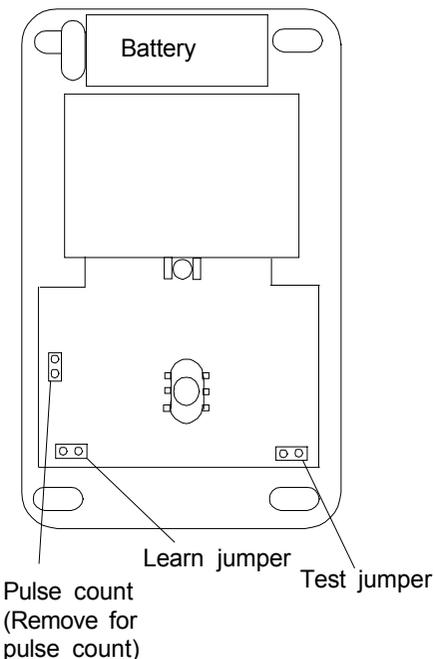
Do not mount so that the beams are looking at a window, or heat source such as a boiler or radiator etc.

**TILT ADJUSTMENT** The detection range and beam location can be controlled by adjusting the angle of tilt. This is accomplished by sliding the PCB up or down as shown below.



**WALK TEST JUMPER** If a shorting jumper is plugged onto these pins, the 2 minute inhibit is reduced to 10 seconds to aid testing during installation. Always remove the jumper after testing is completed, otherwise the battery will be drained.

**IMPORTANT** Do not leave the 'learn' link shorted out, always remove the link as soon as the detector is learnt onto the control panel.



**NOTE**  
REFER TO THE CONTROL PANEL INSTALLATION INSTRUCTIONS ON HOW TO PROGRAMME THIS DEVICE