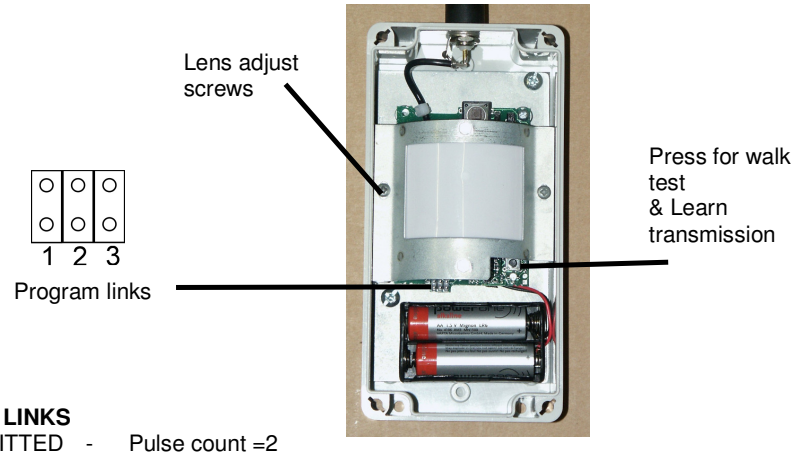
WALK TEST BUTTON has two functions:

1. When pressed for one second sends a Learn transmission to the control panel, enabling the device to be learned in and RSSI measurements taken.
2. Provides a user walk test facility for two minutes.



PROGRAM LINKS

NO LINKS FITTED	-	Pulse count =2
LINK 3 FITTED	-	No pulse count
LINK 2 FITTED	-	Pulse count = 4
LINK 1 FITTED	-	Overrides the 2 minute inhibit. With this link fitted the PIR will transmit again after 2 minutes with continuous movement present. Link 1 s unaffected by links two or three

ADDING A DETECTOR TO ANY FM4000 SERIES CONTROL PANEL OR FM4040 INTERFACE

1. Connect the batteries. The detector will take approx. 10 minutes to settle. So although you can program it, the PIR will not detect movement for the initial 10 minutes & until 2 or more minutes of no movement have been detected in normal operation.

2. Enter the engineers program by keying in 4679 or your engineers code. (The alarm LED will illuminate to indicate that you are in engineer mode).

3. Key in the number of the zone to which the detector is to be allocated. i.e. 01 for zone 1. 08 for zone 8.

3a **FM4000EN, FM4000X & FM4000Xtra only.**
Select the device number you wish to learn onto the zone, i.e. press 1 for the first device, press 2 for the second device etc.. Up to 8 devices may be added to a single zone.
(These panels require 3 digits to learn a detector onto them: Zero, Zone number then device number. ie ZONE 1 Detector 1 is 011)

4. Press the walk test & Learn button on the pir. The control panel will bleep twice a zone LED will illuminate to indicate that one more detector is programmed onto that zone.

5. Press the Full Set key to accept.

4193-GB

30m CORRIDOR WIRELESS PIR

The 4193-GB is a Grade 1 wireless PIR, for operation with any 4000 series wireless control panels or interfaces. This unit employs the FM corridor lens.

INHIBIT 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 for 2 minutes or until the PIR has seen no movement for two minutes.

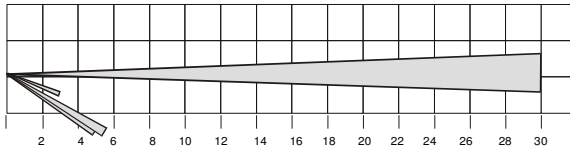
PULSE COUNT The recommended setting for a corridor is no pulse count. (Link 3 should be fitted)

RECOMMENDED BATTERIES Two AA size Alkaline batteries are required, Eveready or Duracell are recommended. (Available from FM Electronics)

MOUNTING Mount the detector so that anyone entering the area passes across the detection beams. See diagram below for optional mounting heights.

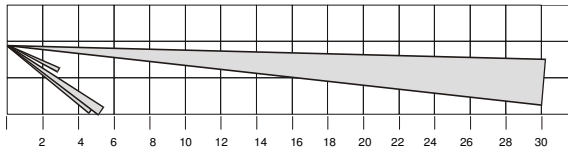
TILT ADJUSTMENT The Lens must be set precisely central, to prevent the main beams from looking down.
If the ground is sloping the detector should be set to the same slope angle. This can be accomplished by loosening the two lens fixing screws and sliding the lens fully up to tilt upwards 4 degrees or lens fully down to tilt the beams downwards 4 degrees.
(Refer to the separate graphs overleaf if the ground is sloping.)

Lens fully up. Mounting height 1.0 to 1.5m (Angle 0 degrees)

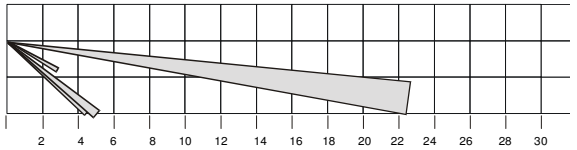


For this configuration the lower beams may be masked off

Lens central. Mounting height 1.8 m (Angle -4 degrees)

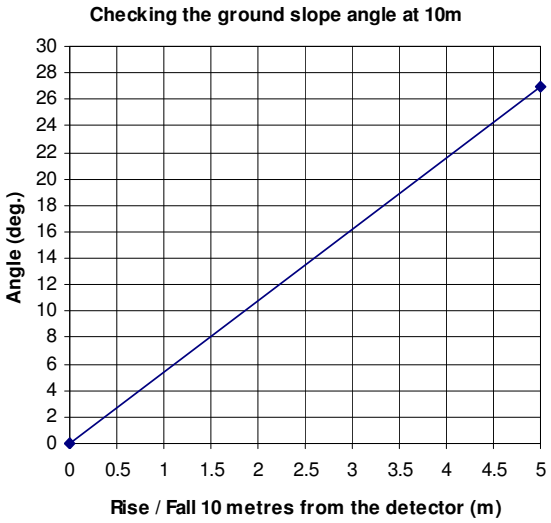


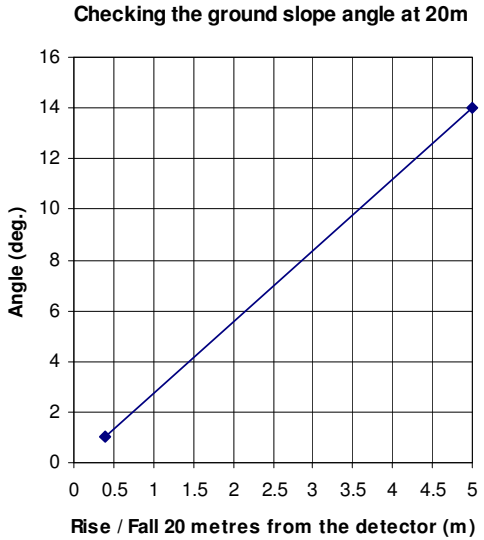
Lens fully down. Mounting height 1.8 m (Angle -8 degrees)



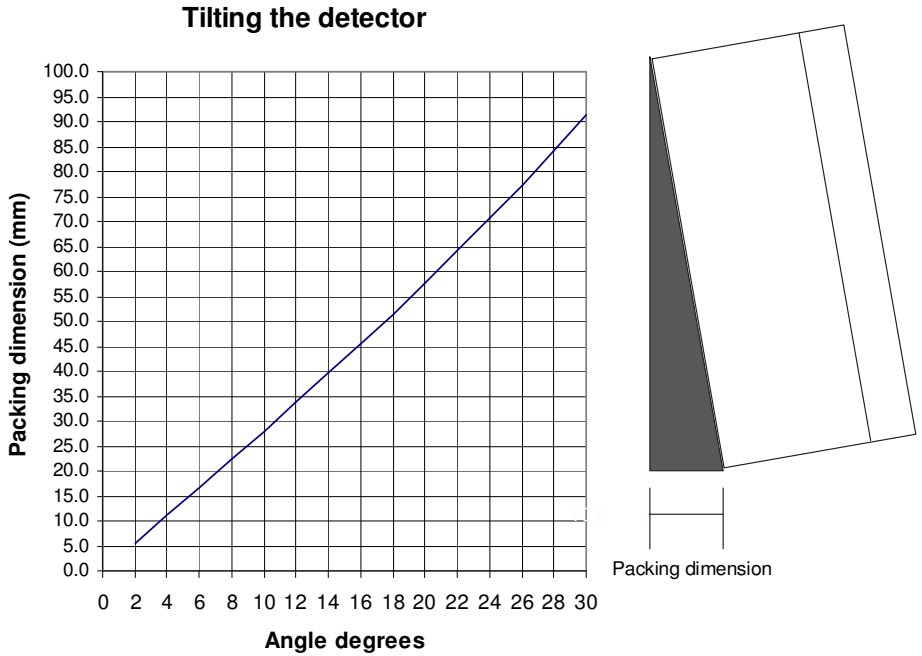
ESTABLISHING THE ANGLE OF GROUND SLOPE

If the ground is not level, the detector will need to be tilted at the same angle. The graph below gives the angle of the ground slope by measuring the rise (or fall) 10 metres and 20m from the detector.





Packing dimension for a specific angle is given in the following graph.



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