

PIR Detector

Wireless

PE-81R



PE-81R DMT is PIR intrusion detector with pet immunity function. It adopts DMT and it is a digit micro processing control intrusion detector. With fine cylindrical FRESNEL lens, it effectively improves energy saving efficiency and high sensitivity and free of false alarm. By using advanced patented software, it can tell difference between the real intruder and other interference factor which may result in false alarm. It has super strong detection sensitivity and lower false alarm. Pulse counting can be adjustable.

- Reliable detection performance with quad PIR technology;
- Excellent false alarm prevention with look-down window to avoid blind-corner;
- Detection distance: 9m@25%
- Detection angle: 110°

Specification

Overview

Detection Range 9 m (25°C)

Emitting distance 120-150m (in the open area)

Input Voltage 3VDC (model CR123A lithium battery)

Current consumption Static ≤ 30µA, Alarm ≤ 12mA (433MHz),
Static ≤ 30µA, Alarm ≤ 50mA (868MHz)

Optical lens data

detection angle 110°

emitting frequency 433MHz/868MHz

Alarm indication LED flashes 2 seconds.

Mounting: Surface or corner, at the height of 2.0 to 2.4m

Power supply 6 VDC

battery life about 1 year

coverage 8*8m / 90°

alarm indication 4~5s

start up time 30s with LED indication

working range max. 150 m (open area)

white light protection 4000 lux

working frequency 433MHz

environmental -10°C to +40°C

demision 110*95*49mm

environmental -10°C to +40°C

Installation height from 1.8 to 2.4m allow an 45° angle between the wall bracket optional to wall

operation condition Operating Temperature: -100C to 500C(140F to 1220F)
Storage Temperature :-200C to -600C (-40F to 400F)
Anti white light interference: 9000 LUX (indoor)

Size (L*W*H)95*64*49mm