

# PIR Detector

Wireless

**DT-81R**



DT-81R is PIR intrusion detector with pet immunity function. It adopts DMT and it is a digit micro processing control intrusion detector. It adopt dual technology PIR and MW to avoid false alarm. 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.

- Dual technology MW&PIR, dual-processor improves the ability of signal processing.
- Selectable pulse count, Auto Temp. compensation and energy analysis.
- Excellent white light prevention with white light protection lens and optics protection cover.
- Advanced pet-immunity recognition can tell the difference between an intruder and a pet.
- Excellent false alarm prevention with look-down window to avoid blind-corner.
- Reliable performance with tamper supervised, low-voltage check and status report function.

# Specification

## Overview

Detection Range	9m (25°C)	alarm indication	4~5s
Emitting distance	150m (in the open area)	start up time	30s with LED indication
Input voltage	6VDC (model CR123A lithium battery )	working range	max. 150 m (open area)
Current consumption	Static≤20μA, Alarms≤18mA infrared area (as shown )	white light protection	4000 lux
Optical lens data	detection angle : 90°	working frequency	433MHz
emitting frequency	433/868MHz	environmental	-10°C to +40°C
Wireless alarm output	wireless alarm signal	demision	110*95*49mm
status Reports	send a monitor signal every 120mins to report the status of detector and battery.	Installation	installation height from 1.8 to 2.4m allow an 45° angle between the wall bracket optional to wall
Mounting	Surface or corner, at the height of 2.0 to 2.4m	operation condition	Operating Temperature: -100C to 500C(140F to 1220F ) Storage Temperature :-200C to -600C (-40F to 400F)
power supply	6 VDC	Anti white light interference	6500 LUX (indoor)
battery life	about 1 year	Size	(L*W*H)95*64*49mm
coverage	8*8m / 90°		