XTEND INDONESIA
GLOBAL LEADING AI TECH COMPANY

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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 avoide 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 witch 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 a 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)
Emitting distance	150m（in the open area）
Input voltage	6VDC（model CR123A lithium battery ）
Current consumption	Static≤20μA，Alarm≤18mA infrared area (as shown)
Optical lens data	detection angle：900
emitting frequency	433/868MHz
Wireless alarm output	wireless alarm signal
status Reports	send a monitor signal every 120mins to report the status of detector and battery.
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 freguency	433MHz
environmental	-10°C to +40°C
demision	110*95*49mm
Installation	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	6500 LUX (indoor)
Size	(L*W*H)95*64*49mm