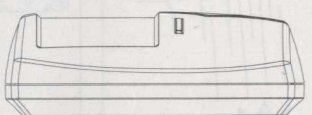
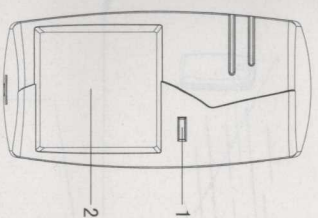
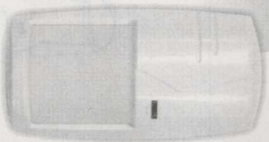


# DUAL TECHNOLOGY DETECTOR

(( PET IMMUNITY/COMMON ))



1. LED indicator
2. LENS

**External**

## CHARACTERISTIC

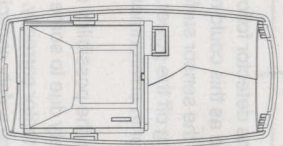
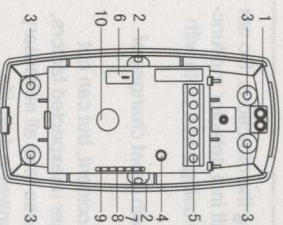
- Streamline design
- Auto temperature compensation reducing false alarm
- White light immunity level over 20000LUX
- LED ON/OFF optional, pulse count optional
- N.C./N.O. optional for different alarm panel
- Auto developed LEN technology
- High EMI and RFI interference
- Pet immunity: <25kg

## TECHNICAL PARAMETERS

Working voltage	DC9-16V
Current	≤22mA(DC12V)
Detecting range	12m
Detecting angle	90°
Sensor	Dual low noise PIR sensor
Pet immunity level	≤25kg
Pulse count	1P or 2P optional
Installation method	Wall mounted
Installation height	1.8m(pet immunity), or 1.8-2.2m(common)
Working temperature	-10℃~+50℃ (14°F~122°F)
Alarm output	NC/NO optional contact capacity: 60VDC, 300mA

It is a kind of indoor-used dual passive infrared detector, which is specially designed for stable detection. When human being is moving in detecting range, the infrared sensor receives heat source signal from human body, and input enlarged signal to MCU. The MCU samples continually, then outputs the signal after calculating to control alarm port to avoid false alarm caused by environment factors. This product is widely used in banks, warehouses, and houses etc.

## GENERAL VIEW

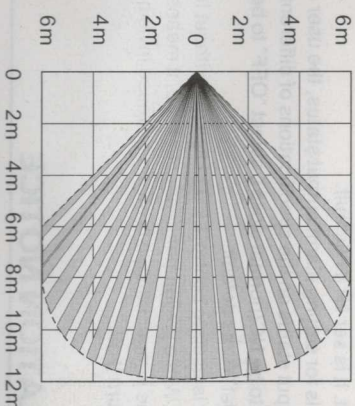


1. Wiring outlet
2. Corner mounted hole
3. Wall mounted hole
4. LED
5. Terminal block
6. Tamper switch
7. LED jumper
8. JP1 jumper
9. JP2 jumper
10. Sensor

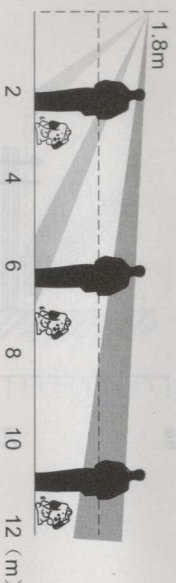
**Internal**

Tamper switch	NC, no voltage output contact capacity: 28VDC, 100mA
Dimension	106mm × 54mm × 36mm

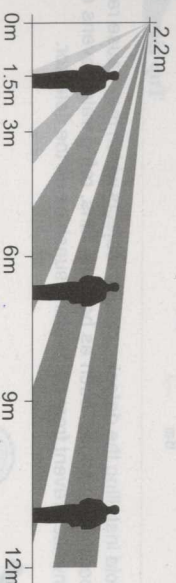
## DETECTING RANGE



**Top view**



**Side view with pet immunity**



**Side view**

**!** If you select it as a pet immunity PIR detector, the recommended installation height is 1.8m. While for common PIR detector, the recommended installation height is 1.8-2.2m.