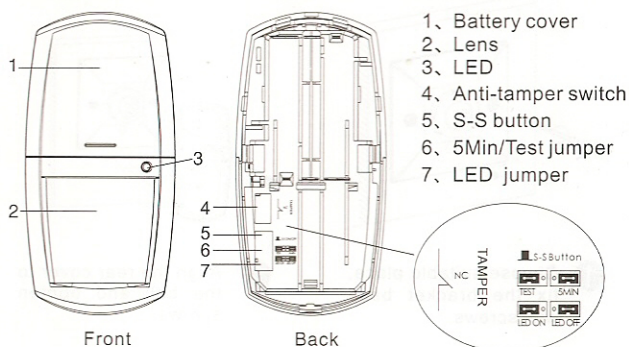


WIRELESS PASSIVE INFRARED DETECTOR (WITH/WITHOUT PET IMMUNITY)



This detector adopts 16-Bit MCU, micro radio transmission circuit and fixed million encoding technology to solve signal interference of multi-detectors. It takes the advantages of low power consumption, low voltage indication, anti-tamper alarm and online report. This product is widely used in banks, warehouses and family houses., etc.

GENERAL VIEW



S-S means: self-supervision for detector, when this function is "ON", the detector will send signal to control panel every 1 hour to report the working status.

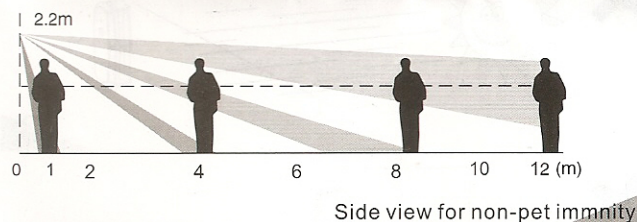
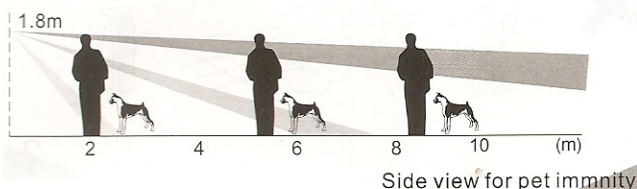
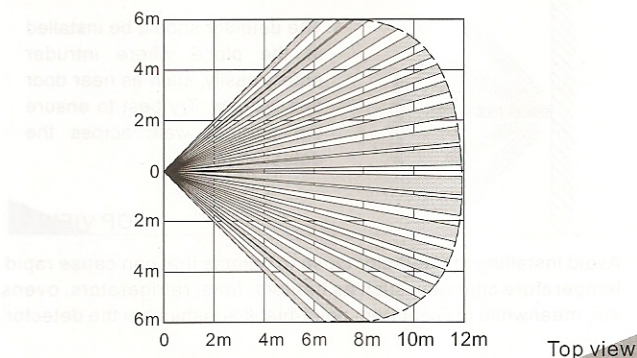
FEATURES

- Adopts 16-Bit low power consumption MCU
- Low voltage indication
- Wireless signal transmission
- Low power consumption, long life batteries
- Digital temperature compensation
- White light immunity
- Fixed built-in million encoding, no need to jump code
- Register by code learn or input
- Periodically send online report to control panel

TECHNICAL PARAMETER

Transmitting frequency	433MHZ/868MHZ
Working voltage	4.5V (AA*3 batteries)
Battery life	1 year(20 times a day)
Standby /Working current	<15mA/ <15μA
Lower voltage alarm	3.3V±0.3V
Transmitting power	≤10dB
Working temperature	-10℃ ~+55℃
Detecting range	12m
Detecting angle	110°
Installation method	Wall mounted
Installation height	optimal height 2.2m
Pet immunity	≤35kg
Installation height	1.8m as the best for pet immunity , 1.8m~2.2m for non-pet immunity (from the center of the pir to the floor)
Size	113X55X38mm

DETECTING RANGE OF WIDE-ANGLE LENS



! In case the pir is without pet immunity feature, please be aware the installation height to be 1.8~2.2m. Please refer detecting range to the above drawing.

USAGE

1. Power on, after 60s LED flashing, the detector self-tests the voltage. It sends the signal to control panel to show the voltage situation.
2. In working status, inspector walks through the detecting area, LED turns on. Then the detector sends alarm signal.
3. 5Min/Test jumper is used to select use mode or test mode. In test mode, the detector sends every signal it catches. The jumper falls on 5Min for normal use. In this status, after the detector alarms, it will not send alarm in 5 min even if it catches a second signal. 5min later, it will send signal when it catches. The factory default is in 5min mode.
4. LED jumper is used to control LED indication, which will not influence other functions of detector. In order to enhance its invisibility and save battery, it is suggest to turn the LED jumper to OFF when finishing test(LED OFF).
5. Anti-tamper switch: when the detector is disassembled, the detector will send the tamper alarm signal 3 times with LED flashing quickly. When the tamper is recovered, it will send signal for reset.
6. Low voltage indication: When the voltage is below 3.3V±0.3V, LED flashes every 5 sec and sends low power signal to the control panel after 10 sec, and then every 1 hour. When user changes a new battery, it self-checks and will send voltage recovery signal to the control panel.
7. S-S(Self-supervision) function: the detector will send signal to control panel every 1 hour to report the working status. This function is set ON as factory default. Or you can press the S-S button for a long time when powering to cancel this function for battery save(the LED flashes quickly for 6 times with cancellation success). When S-S is off, you can also press it for a long time when re-powering to turn on the supervision.