DT-8435DMT pet immunity
Dual-Tech PIR & Microwave detector

1.Instruction

   DT-8435DMT is Pet immunity Dual-tech detector adopt logic dynamic time split technology. This detector can calculated volume , move speed of the Moving objects. With high sensitivity under area from 2 to 11 meters. Cooperating with the advanced patent software technology can help to make the accurate judgment between the real intruder and some other interference. High anti -fault alarm. Pet less than 20Kg will not trigger alarm, like cat, mouse, birds, insect.
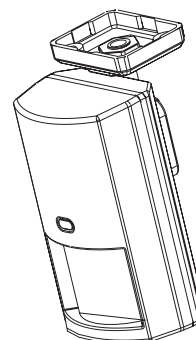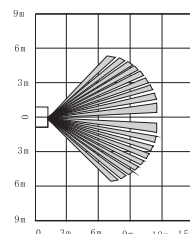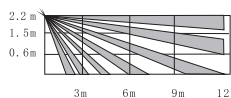

Fig.1Appearance

2.Data sheet

Model: DT-8435
Detect distance: 11m/25
Input voltage: 9-16VDC
Current consumption: DV12V@50Ma
PIR part(as picture shows)
Lens:
PIR:9-5+3(typical)
Max detect area:11*11m(36*36feet)/90°
Alarm and anti-tamper
Alarm output: solid state relay,
            N.C type
Less than 100Ma/30v,--10Ω Internal impedance
Anti-tamper connector: N.C type, 50Ma/30VDC
Less than 100Ma/30v,--10Ω Internal impedance

Wall mounting wide angle lens view

Side view

Led: Yellow for Microwave
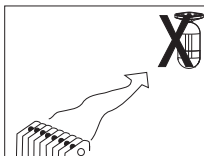   Green for PIR
     Red for alarming
Installation:
Wall mount 2.0-2.4meters
Note: bracket can install angle

Work temperature:-10℃-50℃(14°F-122°F)
Storage temperature: -20℃-60℃(-4°F-140°F)
Anti white light (indoor): >9000LUX
Anti-radiation interference:30V/M, 10MHz-1000MHz
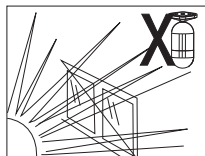Measurement:125*74*43mm

This device Conformity CE 1999/5/EC and 9 March 1999 wireless radio and Telecommunication terminal equipment meeting request. Also fit the request of Canada RSS-210.

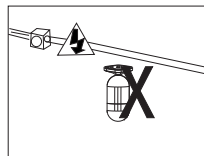## 3.Installation

3.1 Notes

Don't face cold or heat directly

Don't face the sun -shine directly

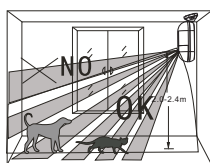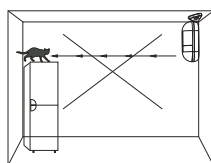Don't install near electric cables

Don't install on a unstable base
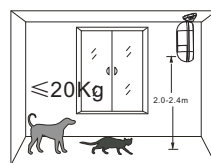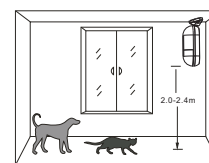

Don't face metal wall

3.2 Pet-immunity Manual

The upper part of the detection area is non pet-immunity area
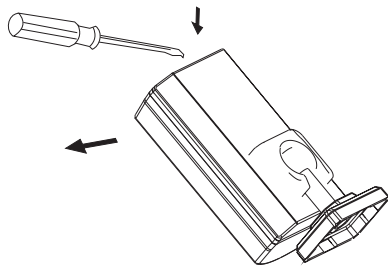

Never face the detector to the level that pets can reach

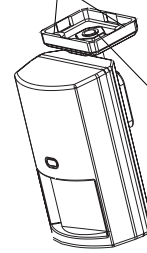Pet immunity:<20Kg pets

Pet-immunity installation height 2.0-2.4m

P/N:20170117A01

3.3 Installation

1. Open the cover of the sensor

2.Install

hole to fixed screw

2. 2.0-2.4m height from the ground

hole for cable

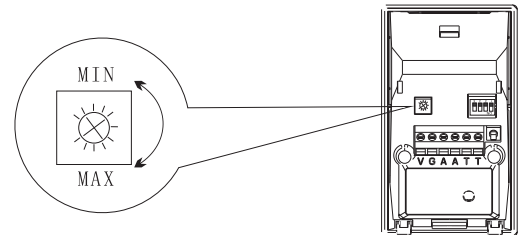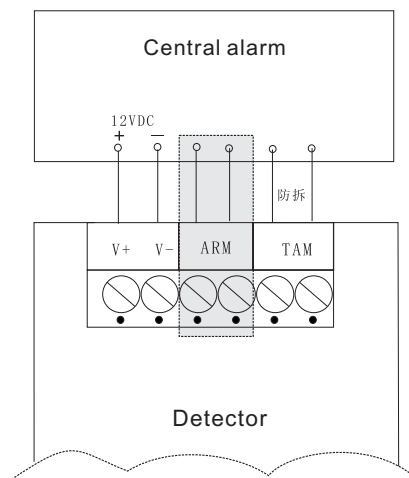| A. Mark the point on the wall to drill hole |
| B.Pull the cable out from the sensor through the hole of bracket |
| C. Install the bracket on the wall |
| D.Fix the mainboard and cover |

3.4 DIPswitch funtion description

#	Funtion	ON	OFF
1	AND OR mode choose	And	OR
2	N.O./N.C. choose	N.O.	N.C.
3	Sensitivity choose	Low	LED OFF
4	LED ON /OFF	LED ON	High

3.5 Adjust the sensitivity of the microwave

MIN

MAX

For the convenient of installer to adjust the detect area to avoid the false alarm. Installer can control the Microwave detect area by the Potentiometer. Clockwise direction to Enlarge the detect area, counterclockwise direction to decrease the detect area.

3.6 Wiring diagram

Central alarm
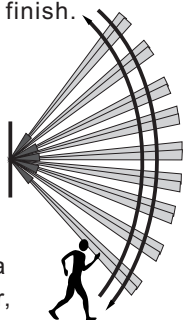
12VDC
+ −

防拆

| V+ | V− | ARM | | TAM | |

Detector

3.7 Walk test

1. power the detector , wait until self-test finish.

2.Move in any direction at the edge of covering area will trigger the LED light on for 2-3secs.

3. Repeat step 2 at the opposite direction to define the perimeter of two sides. The center of protect area must be the center of detect area.

4. Raise the arm slowly to the detect area at the place 3-6meters far from the detector, mark the lower boundary of detect area. Repeat the operation to mark the down boundary of detect area.

5. Center of detecting must be not tile to the left or right.

4.Customer Service

Our products are very reliable, but for some special reasons,the working performance will be limited in certain range, we here list some cases as below:

1.The panel voltage of control panel is not stable.

2.Low voltage of the detector

For any help please contact with our company and you could visit our website for more information

⚠ Warning: We are not responsible for the problem caused by improper operations by user!