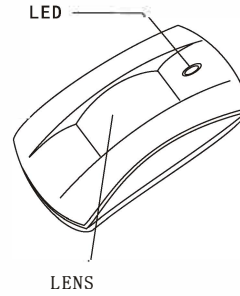


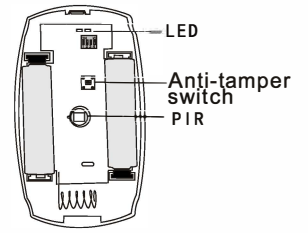
XPIRCORTINA20W intelligent direct-recognize PIR intrusion detector

1. Introduction

XCORTINA20W is a style of intelligent direct-recognize curtain PIR intrusion detector, it adopts energy-pile up logical process, random dynamic time split technology. XCORTINA20W series adopt precision column lens to upgrade receiving effect, with high sensitivity but without false alarm. It can recognize direction, and install mode optional. With anti-tamper function, worry about someone to dismantle. Fit for indoors you have installation, and work with common battery, unique energy-saving mode enable the work life of battery longer than one year



Appearance



Internal structure

Specification.2

Model: XCORTINA20W

Detect angle: 200

Detect distance: 6m/25°C

Transmit distance: 150m (open air)

Current consumption: standy $25 \mu A$

when transmitting 10mA

Alarm output: wireless signal transmitting

Anti-tamper output: wireless signal transmitting

Transmitting frequency: 433MHz / 868MHz

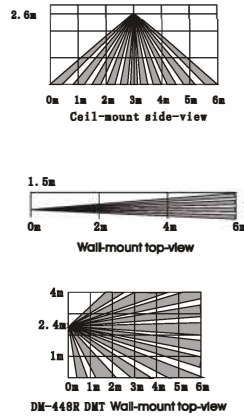
LED indication: Red LED on stands making alarm

blue LED on and red led off stands get signal but

wrong direction.

Note: when low battery, please change

new one in time.



wall mount height: 1.6-2.4m

Ceil mount height: 2.5-4m

Woking temperature: -10°C-50°C (14°F-122°F)

Storage temperature: -20°C-60°C (-4°F-140°F)

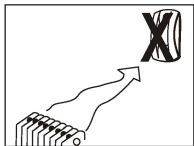
Anti white light: more than 8000 LUX

Anti EMI: more than 30V/m 30MHz-1 GHz

Dimension: (L*W*H): 90*50*40mm

3. installation

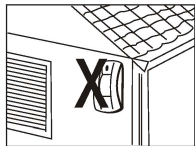
3.1 General guidelines



Do not face cold or hot directly



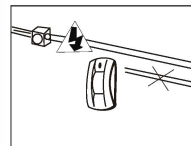
Do not open the window in protect area



Do not install outdoor



Do not face the sun directly

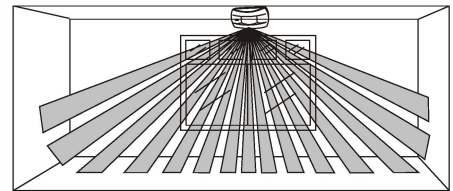
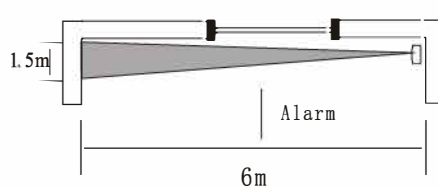
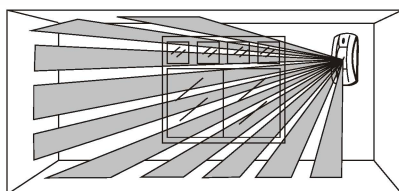


Do not instal near high voltage cable



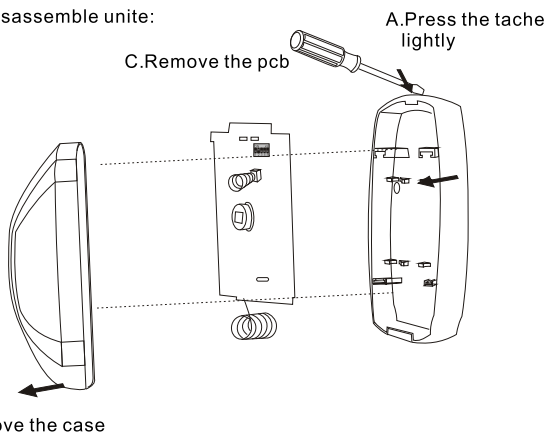
Do not install on a loose basement

3.2 installation

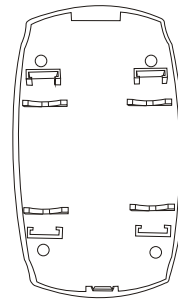


3.3 On installation procedure

① Disassemble unite:



② Install the base cover:

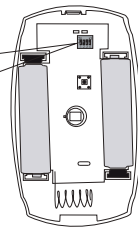
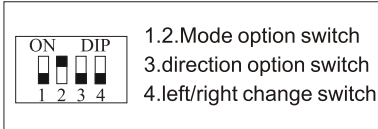


A. Mark the drill point on the wall

B. screw in to fix the base cover

C. install the pcb in the cover

3.4 Instruction of code switch



① switch 1 and switch 2 are mode option switch. work mode see below:

1	2	Work mode
ON	OFF	Test mode
OFF	ON	Power-saving mode
OFF	OFF	Coding mode

The detector can set below three work mode:
 Test mode: once the detector is triggered, send alarm signal immediately, and no space time during two sending. Install test with this mode as default.
 Power-saving mode: After the detector is triggered, which will send alarm signal to panel, and then there is a stable period. last for 3 mins with in this time, the detector no answer if it triggered again, After this period, detector will sent alarm signal to panel again
 Coding mode: press the anti-tamper switch for 3s, and send a code to receiver

② Function of Switch 3.4 and switch 4.5 see below

Switch	Function	Default
3	Direction recognize on/off option	OFF
4	Direction convert	OFF

Switch 3: Direction recognize main switch. When set this Switch "ON", direction recognize function if effective, when set "OFF", direction recognize function if effective.

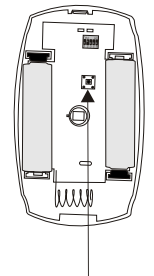
Switch 4: Direction convert switch. If set this switch "OFF" and detect direction is from right to left.

Note:

1. when direction recognize function On, in 5 meters it can recognize direction clearly, but if further than 5 meters will cause false discriminate
2. when the switch at test mode, the direction mode is ON. Under these conditions, the detector will not alarm
 1>. the user pass from legal area
 2>. the user pass by the illegal area with in 15 seconds
 If switch at power-saving mode are there 3 seconds delay time for the detector triggered.
3. when the detector's battery has a low power, it will sent a low-power signal to panel. So users should buy and change new ones

3.5 Code to control panel

Make sure first the detector is under coding mode, then press the anti-tamper for 3s then release. After hear the panel's indication sound then finish coding. About the panel coding setting please read the manual of panel.



Press this switch to code