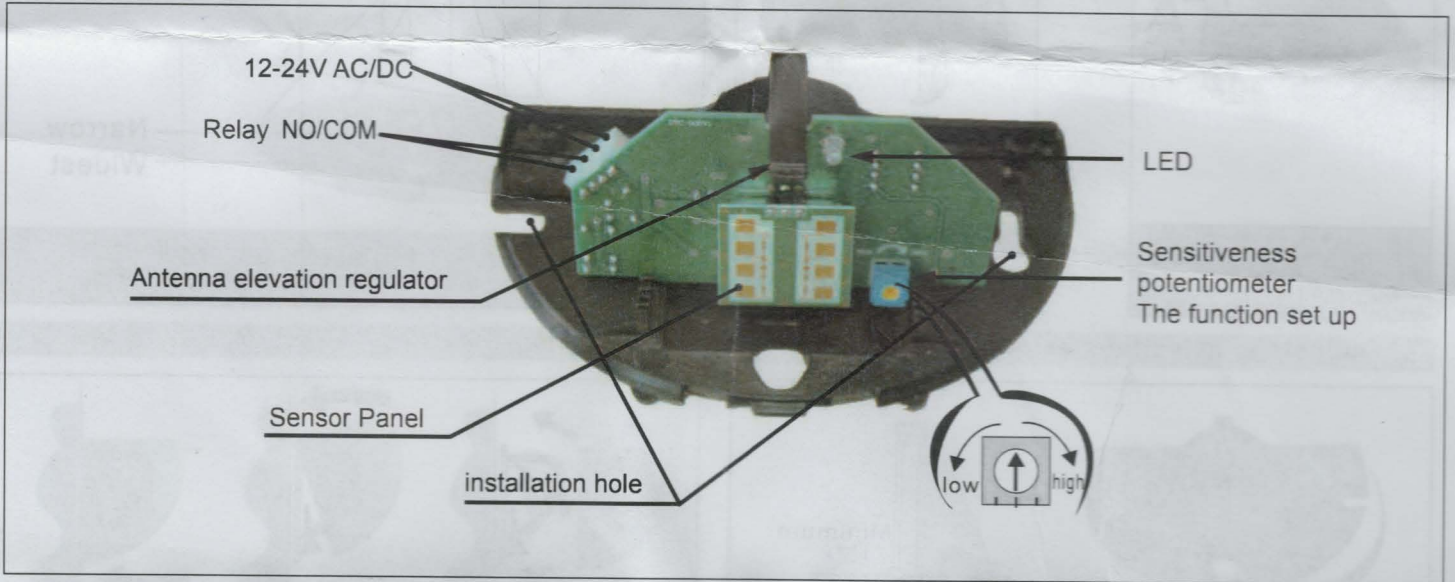


User Guide

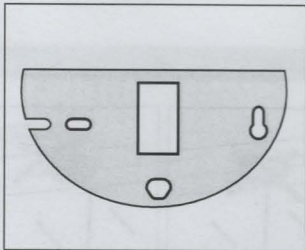
1 Safety Guide

Related components must have a separation of electrical safety devices with low voltage protection operating conditions. All installation and maintenance work must be carried out by the professionals.

2 Name of the components



3 Open the shell

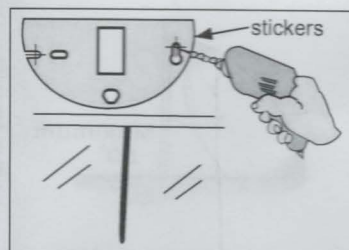


Not being installed

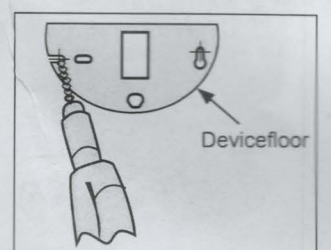


Being installed on the wall

4 Drilling



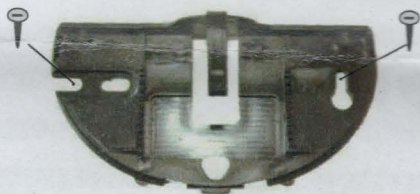
Installing on wall, use the attached template to drill holes.



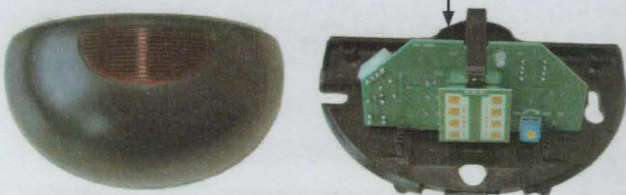
Installing on ceiling, use the attached template to drill holes.

5 Fixing

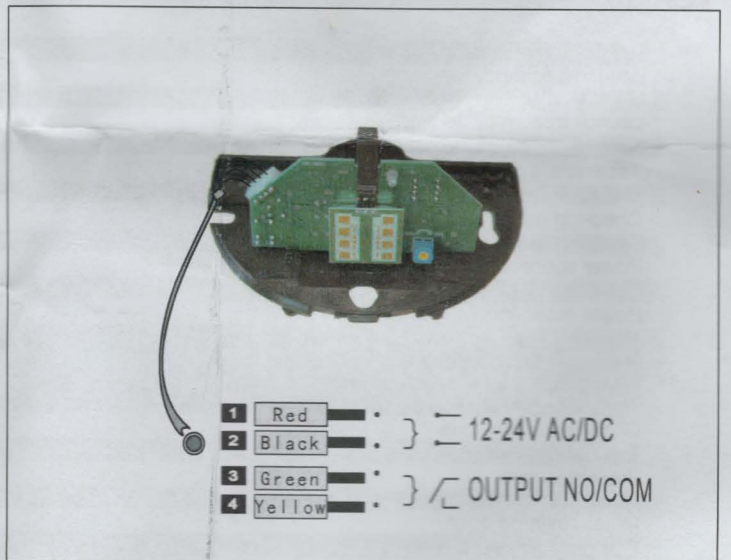
1. The screws are pre-placed on the bracket.



2. Remove the screws, fixed the main sensor body on the wall.



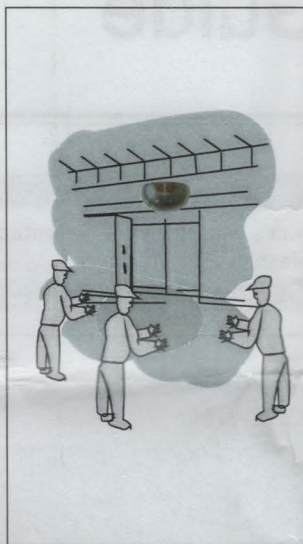
6 Wiring diagram



7 Operating



When the power be offered, microwave sensor starts to detect the environment around. Keep the microwave sensor beyond the detection area for 5S.

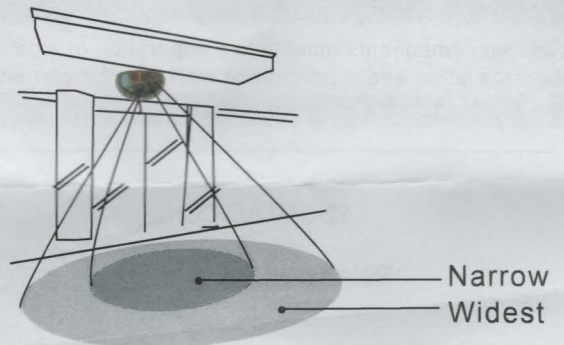


Stand at different position to detect the detection area.

8 Adjust the detection area

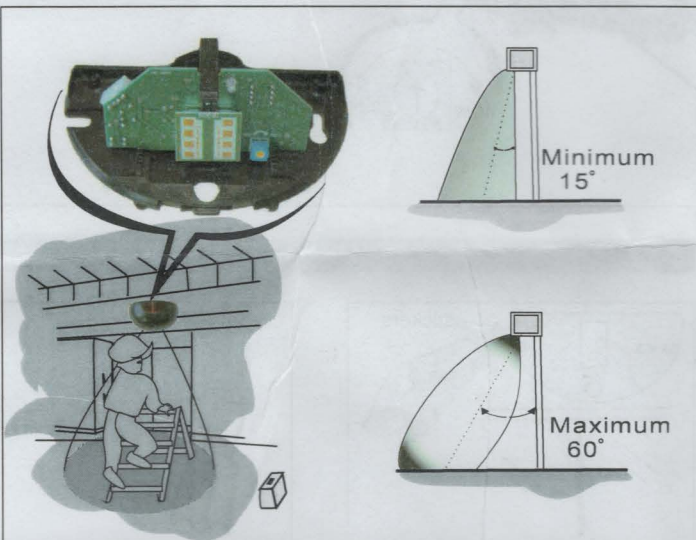
Sensibility adjuster screw to adjust the detection area.

- The smallest range 1.5*1.0m
- The largest range 4*2m



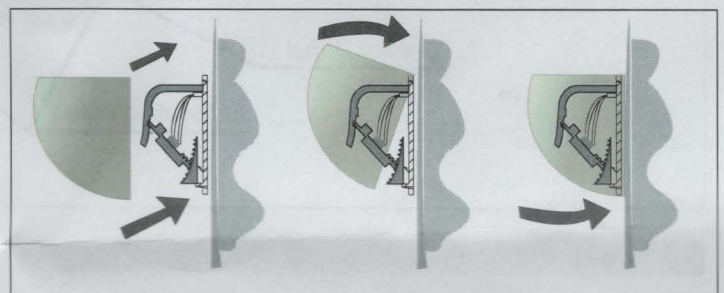
The maximum installation height is 5m, right height is 2-3m. Note: The lower the temperature is the wider detection area.

9 Adjust the detection position

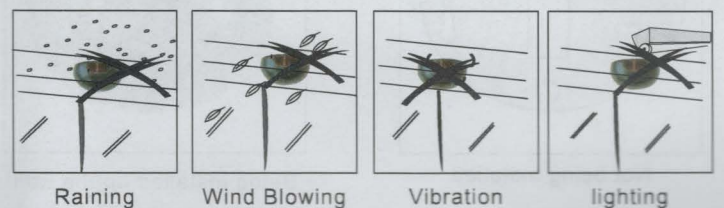


Rotate the bracket of microwave sensor to form an angle(10-60degree). between the MDU sensor module and installation wall in order to adjust the detection area.

10 Covering



11 The possibility of interference



Raining

Wind Blowing

Vibration

lighting

12 Technical parameters

Realization technology	:Microwave and microprocessor
Launch frequency	:24.125GHZ
Launch power	:<20 dBm EIRP
Launch frequency density	:<5mW/cm ²
Assemble an altitude maximal	:3m
Assemble a dip angle	:15° ,30° ,45° , 60°
The maximum checks range (while assembling 2.2 meters of altitude)	:4m(W) x2m(H)
Checking pattern	:Move
The minimum checks speed	:5cm/s (Along the longitudinal axis of air wire to tests)
Power source voltage	:12v-24v AC +/- 10%; 12v-30v DC
Power source frequency	:50-60 HZ
Power dissipation	:<2W(VA)
The relay outputs (there be no initial electric potential)	
Maximal contact voltage	:42V AC-60V DC
Maximal contact electric current	:1A (Electric resistance)
The maximum change power	:30W(DC) / 60VA(AC)
Output retention time	:0.5 second
Temperature range	:-20°C to +55°C
Protection rate	:IP 52
Outer covering material	:ABS Plastic
Outer covering color	:Black, Silver gray
External form dimension	:128mm(L) x 66mm(W) x 60mm(H)
Weight	:0.100kg
Conducting wire length	:2.5m