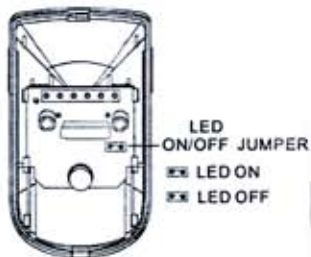


LED Indication

Red LED light, alarm output, relay works at about 5 seconds. detection signals an alarm.

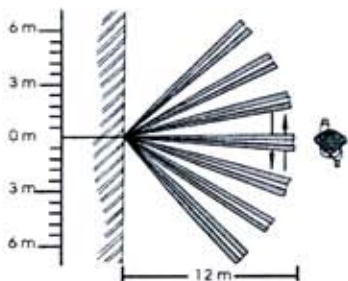
Walk Test : A Walk Test enables you to determine the effectiveness of the installation.

1. Warm-up time: 80 seconds is required after power up.
2. Curtain detecting mode walk across the curtain area, detector will alarm and red LED light is on.
3. Wide angle mode: Walk 2-4 steps freely in the protection area, detector will trigger an alarm and Red LED is on.



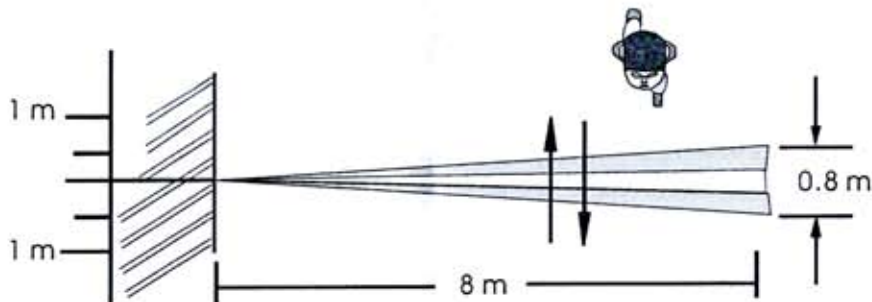
Wide angle lens detection view

TOP View



Curtain lens detection view

TOP View



Note: Check detector every half a year at least for security.

Installation and operation Manual

EL-208 Passive Infrared Motion Sensor

Features :

Working Mode: passive infrared

Digital Signal Processing: Advanced passive signal processing technology make it detecting accurately so it can reduce false alarm.

Pyroelectric Sensor: Dual Element.

Temperature Compensation: Thermistor.

Input Voltage: 9V - 16V/DC, 12mA

Alarm output: N.C, Form A relay, 30VDC/150mA Max.

Tamper output: N.C, rated at 24VAC/500mA Max.

Alarm output(selectable): N.O contacts, rated at 1A/50V, Max. * 1

Anti-sunlight: 12,000Lux

Anti-frequency disturbance: 48V/m, 10MHz-1000MHz

Operating Temperature: Temperature: -10 °C ~ +50 °C (25 °F ~ 113 °F); Humidity: 5 ~ 95%.

Passive Infrared detection lens : High precision parabola focusing curtain style reflecting mirrors.

Wide angle lens mode: Seven curtains. * 2

Detection Range: Wide angle lens : 12m x 10m.

Curtain lens: 8m x 0.8m * 2

Detection Sensitivity: Curtain mode: Walking across at a speed of 0.3-1.5 m/s.

Wide angle mode: Normal walk two to four steps within detection coverage. * 2

Dimension: 92 x 52 x 33mm (L X W X H).

Weight: G.W: 90g; N.W: 70g.

Note: The * 1, * 2 is Optional accessories.

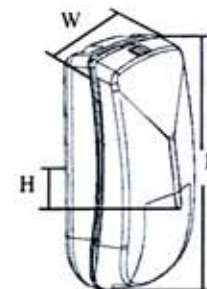
Mounting location

1, select a mounting location in which the likely direction of intruder motion

is across the coverage pattern door, windows ect

2, Do not install in which rapid temperature changes from central heating from central heating, radiators, ducts, air conditioning ect.

3, Make sure there no obstructions that can block the pattern of coverage



Installation instructions

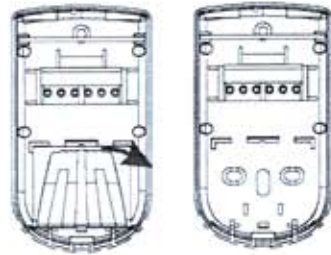
1. Unlock the switch.



2. Prize up the joint line between front and back cover with a blade screw driver.



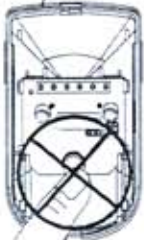
3. Push out the front cover from back cover.



4.1 prevent reflector from dust of drilling hole, please remove reflector when mounting back cover, avoid your hands contacting reflector's surface when removing or mounting reflector, only blow off them or wipe off them slightly with soft cloth after founding dust not other things for keeping better detection effect.



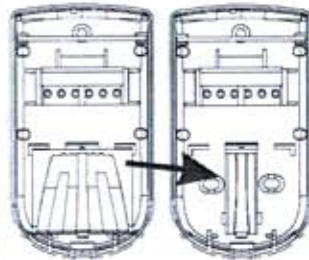
4.2 connect the wires to terminal, observe connection polarity



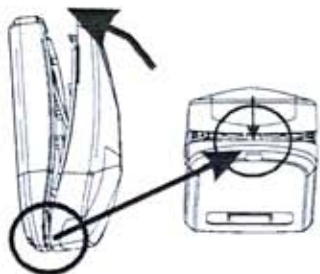
4.3 Don't let your hands contact infrared sensor.

Select Wide lens mode

EL-208 can use in Curtain lens detection mode, but as curtain lens mode, must change single wide lens into curtain lens angle lens.



5. Place front cover into the mounting hole of back cover.



6. Remounting covers, and lock it.



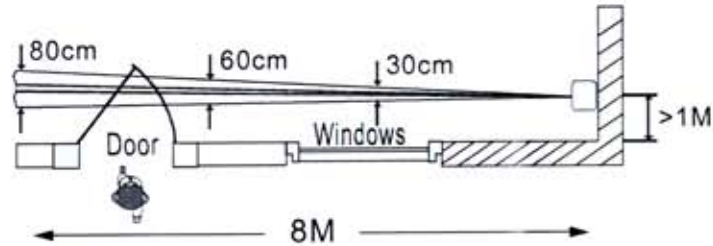
For wide lens



For curtain lens



For Patio



Note: please install the detector on wall, the place should be one meter or higher.

Installation

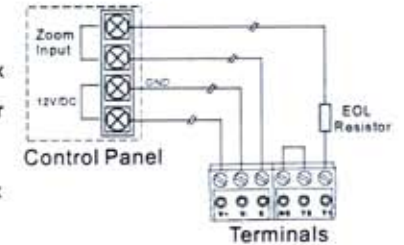
Note: Only apply power after all connections are made and inspected. And make sure the power polarity is correct 14-22AWG wire is recommended.

Note: Do not leave too long wire in the detector.

Terminals V+&V-: Power input, Voltage: 9 -16V. The max distance is up to 250m/750feet between the detector and power source if using wire #22AWG.

Terminals C&NC: Alarm output, N.C, 30VDC/150mA. Max

Terminals T1&T2: Tamper output, N.C, 24VAC/500mA.



Removing the curtain reflector, please hold reflector's top .pull emissive mirror outwards.

When uninstalling, hold on the upper two sides of the mirror, pull the mirror out, following phase of right figure in opposite direction. Installation: push curtain reflecting mirror down into bottom rind. Please refer to right figure .Notice: make sure the position of bottom of the curtain reflecting mirror must absolutely fit into the bottom rind. Please refer to part of the figure. Horizontally push curtain reflecting mirror into the detector. Please refer to right figure

Notice: after installation, make sure the curtain reflecting mirror is stable, don't touch the mirror when installing.

