

Operating Instructions

Make your choice...

M-204F Passive infrared sensor

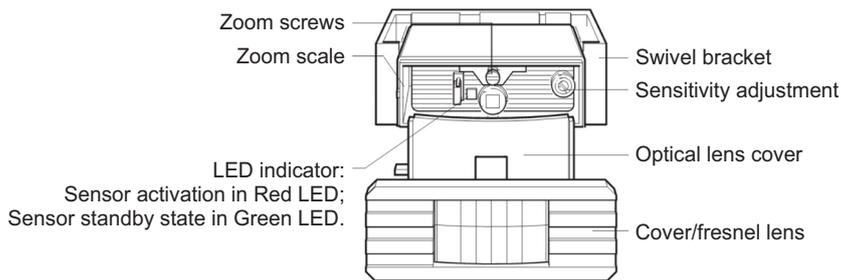


1 Safety Instruction



Thanks so much for your purchasing, Please read this instruction before using.

2 Overall Characteristics

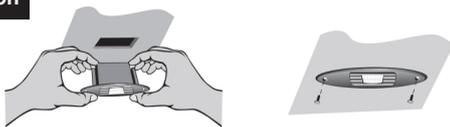


Input and output wiring diagram

1	● AC/DC	Power input
2	● 12~30V	
3	● COM	Common point
4	● NO	Normally open point
5	● NC	Normally close point

3 Mounting and Adjustment

Concealed Installation



After hidden installation and fixation, if there is a deviation in the sensor range, the sensor body can be rotated moderately (about $\pm 6^\circ$) to make the system work normally.

Surface Installation



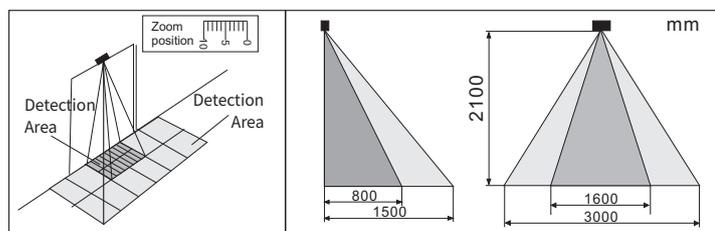
Fixed the mounting bracket first, and rotate the sensor body.



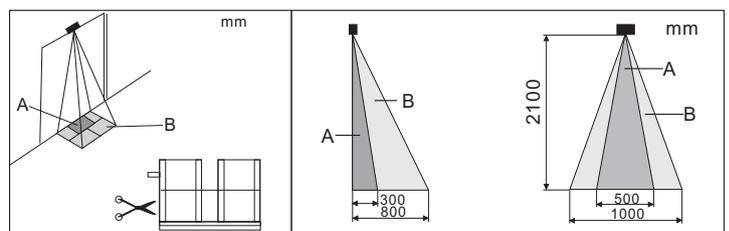
Sensitivity adjustment:

Adjust clockwise, the sensitivity becomes higher, adjust counterclockwise, the sensitivity becomes lower.

4 Zoom ranges



Detection area changes according to the zoom setting. Optical numerical 0 obtains the minimum detection area.



Detection area changes according to the zoom setting and diaphragm.

5 Technical Parameters

Operating voltage: AC/DC 12~30(-0%+15%)

Static current: 6mA(12V power)

Action current: 18mA(12V power)

Working temperature: $-40^\circ\text{C} \sim 60^\circ\text{C}$

Max installation height: 3.5 meters

Max detection area: 3×1.5 meters

Lowest detection speed: 0.1m/s

Output holding time: 0.5 seconds

Tilt adjust range: $0^\circ \sim 6^\circ$

Dimension(Exposed installation): 110(L) × 40(W) × 49(H)mm

Dimension(Concealed installation): 72(L) × 25(W) × 63(H)mm

Total Weight: 135G