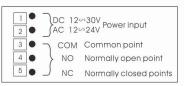
Passive infrared sensor

Model: YAD-102IS

CE



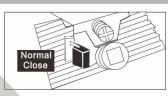
4 Input and output wiring diagram



5 Switch spots



Normal open: When open signal input the relay activated and door be open. (relay coil is no electricity applied at normal time)



Normal closed: When no open signal input, the relay activated. (Relay Coil is electricity applied at normal time) When open signal input, relay coil inactivated.

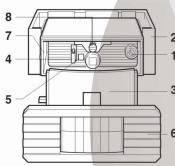


Max.=Maximum Min.=Minimum

1 Safety Instruction

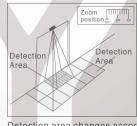
Thanks so much for your purchasing, Please read this instruction before using.

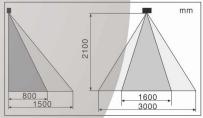
2 The overall structure of components



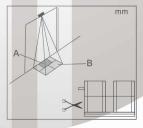
- 1. Sensitivity adjustment
- 2. Swivel bracket
- 3. Lens cover
- 4. Relay N.O/N.C Contact, Common point
- 5. LED
- Red light: sensor activated Green light: sensor inactivated
- 6. Cover with Firesnellens
- 7. Zoom scale
- 8. Zoom screw

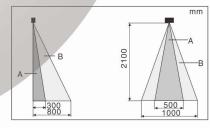
6 Zoom ranges





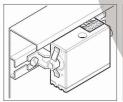
Detection area changes according to the zoom setting. Optical numerical 0 obtains the minimum detection area.

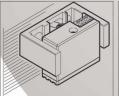




Detection area changes according to the zoom setting and diaphragm

3 Mounting(Accessorles depend on type purchased)



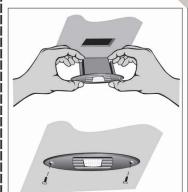




Mounting bracket

Swivel bracket

Connection terminal



Built-in fixed. If induction deviation exists, adjust the rotating sensor(about 6) to make it work correctly.



Fixed foundation of bracket, and rotate the body of sensor.

Built-in installation

Exposure Intallation

7 Technical indicators and parameters

Operating voltage	AC/DC 12~30(-0%+15%)
Quiescent current	6MA
Working temperature	-40℃-60℃
Max installation height	3.5m
Max detection area	1.5 x 1.5m
Lowest detection speed	0.1m/s
Output hold time	0.5s
Protection class	IP 52
Overall Dimension	100mm(L)x35mm(W)x37mm(H)
Angle of inclination	0-6 degree
Action Current	(DC12V) 18MA
Maight	1250

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