

INSTALLATION INSTRUCTION INFRARED SENSOR

TECHNICAL DATA:

Power Sourcing:	220-240V/AC
Power Frequency:	50/60Hz
Ambient Light:	<3-2000LUX (adjustable)
Time Delay:	Min.10sec±3sec Max. 15min±2min
Rated Load:	1200W (Traditional Lighting) 600W (LED Lighting)
Detection Range:	180°/360°
Detection Distance:	12m max(<24°C)
Working Temperature:	-20~+40°C
Working Humidity:	<93%RH
Installing Height:	1.8-2.5M
Power Consumption:	approx 0.5W
Detection Motion Speed:	0.6-1.5m/s
IP Rating Class:	IP65



2 YEARS
WARRANTY*

INTRODUCTION & WARRANTY

Thank you for selecting and buying V-TAC product. V-TAC will serve you the best. Please read these instructions carefully before starting the installing and keep this manual handy for future reference. If you have any another query, please contact our dealer or local vendor from whom you have purchased the product. They are trained and ready to serve you at the best. The warranty is valid for 2 years from the date of purchase. The warranty does not apply to damage caused by incorrect installation or abnormal wear and tear. The company gives no warranty against damage to any surface due to incorrect removal and installation of the product. This product is warranted for manufacturing defects only.

WARNING!

1. Please make sure to turn off the power before starting the installation.
2. Install only by certified Electrician.



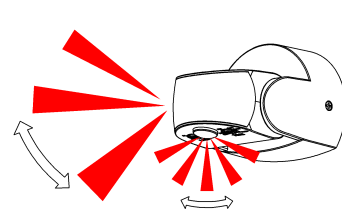
This marking indicates that this product should not be disposed of with other household wastes.



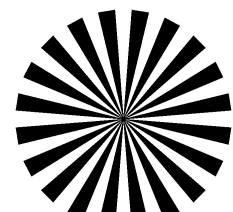
Caution, risk of electric shock.

FUNCTION:

- Can identify day and night: The consumer can adjust working state in different ambient light. It can work in the daytime and at night when it is adjusted on the "sun" position (max). It can work in the ambient light less than 3LUX when it is adjusted on the "3" position (min). As for the adjustment pattern, please refer to the testing pattern.
- Time-Delay is added continually: When it receives the second induction signals within the first induction, it will restart to time from the moment.



Good sensitivity

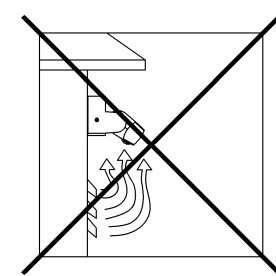
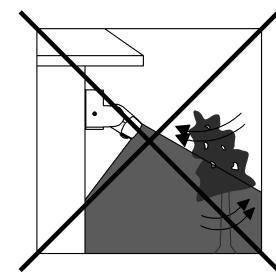
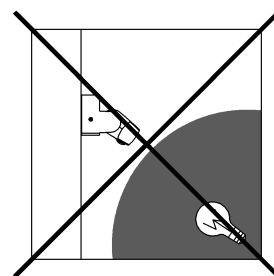
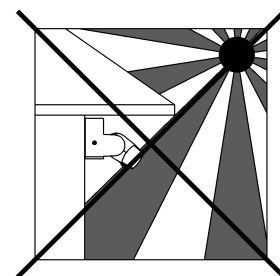


Poor sensitivity

INSTALLATION ADVICE:

As the detector responds to changes in temperature, avoid the following situations:

- Avoid pointing the detector towards objects with highly reflective surfaces, such as mirrors etc.
- Avoid mounting the detector near heat sources, such as heating vents, air conditioning units, light etc.
- Avoid pointing the detector towards objects that may move in the wind, such as curtains, tall plants etc.



INSTALLATION:

- Switch off the power before starting the installation
- Loosen the screw from the side of the sensor to remove the back cover.
- Pass the power wire through the hole with gasket in the bottom. Connect the power wire into connection-wire column according to the connection-wire diagram.
- Fix the back cover of the sensor with inflated screw on the selected position (Refer to the figure 1)
- Install back the sensor on the back cover and tighten the screws. Switch the power on to test the sensor.

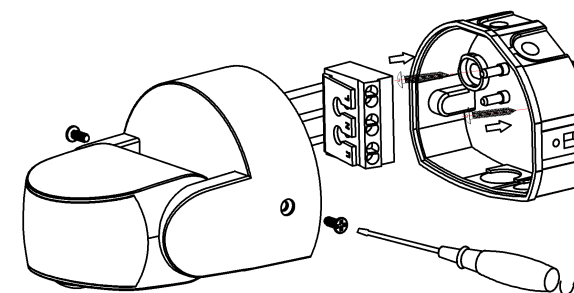
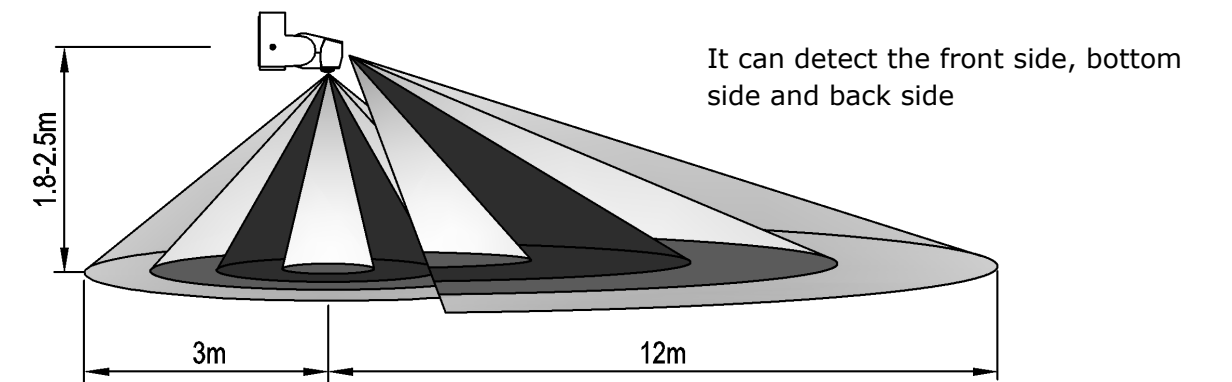
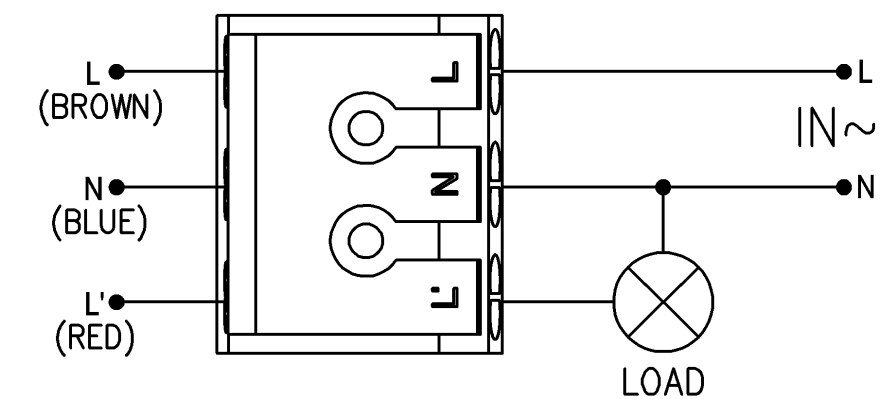


FIGURE 1

SENSOR INFORMATION:

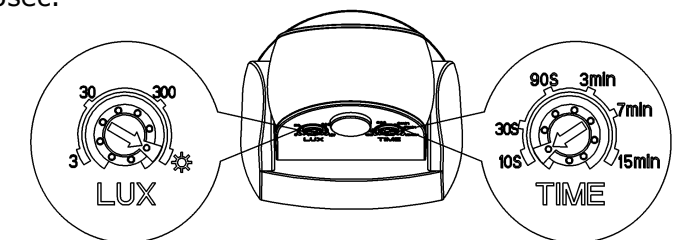


CONNECTION-WIRE DIAGRAM:



TEST:

- Turn the LUX knob clockwise on the maximum (sun). Turn the TIME knob anti-clockwise on the minimum (10s).
- Switch on the power; the sensor and its connected lamp will have no signal at the beginning. After Warm up time of 30sec, the sensor will start working. If the sensor receives the induction signal, the lamp will turn on. While there is no another induction signal, the load should stop working within 10sec±3sec and the lamp would turn off.
- Turn LUX knob anti-clockwise on the minimum (3). If the ambient light is more than 3LUX, the sensor will not work and the lamp stops working too. If the ambient light is less than 3LUX (darkness), the sensor will start working. Under no induction signal condition, the sensor should stop working within 10sec±3sec.



Note: when testing in daylight, please turn LUX knob to ☀ (SUN) position, otherwise the sensor lamp could not work!