Installation Manual

Welcome to use 1L-PS06 infrared presence sensor!

The product adopts good sensitivity detector and integrated circuit. It gathers automatism, convenience, safety, saving-energy and practical functions. It utilizes the infrared energy from human as control-signal source and it can start the load at once when one enters detection field. It can identify day and night automatically. It is easy to install and used widely.

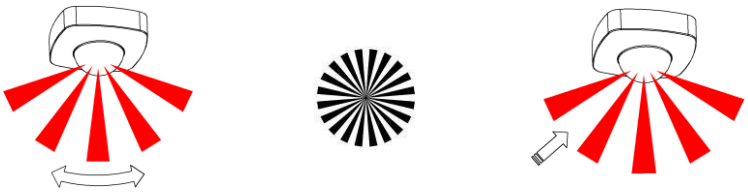
SPECIFICATION:

Power Source: 220-240V/AC
Power Frequency: 50Hz
Daylight sensor: <3-2000LUX (adjustable)
Hold Time: Min.10sec±3sec
Max.30min±2min
Rated Load: Max.2000W
1000W
Installation Height: 2.2-6m

Detection angle: 360°
Detection Range: 50%, 75%, 100% (choice)
Detection Distance: 20m max(<24℃)
Working Temperature: -20~+40℃
Working Humidity: <93%RH
Detection Moving Speed: 0.6-1.5m/s
Power Consumption: approx 0.5W

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 “2000LUX”. It can work in the ambient light less than 3LUX, when it is adjusted on the “3LUX”.
- Detection range adjustable: It offers 3 levels (50%, 75%, 100%).The max can be 20m.
- Time-Delay is added continually: When it receives the second induction signals within the first induction, it will restart to time from the moment.

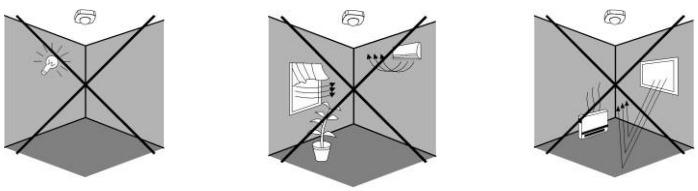


Good sensitivity　　Poor sensitivity

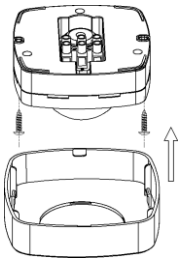
INSTALLATION ADVICE:

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.

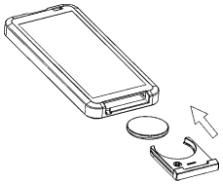


CONNECTION:



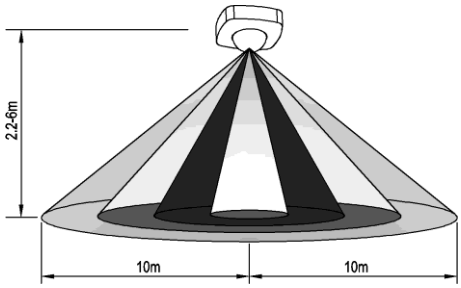
- Unload the cover directly.
- Connect the power and the load into the connection-wire column of the sensor according to connection-wire diagram.
- Fix the sensor on the selected position with the inflated screw as the figure on the right.
- Install back the cover and then you can test it.

Battery replacement

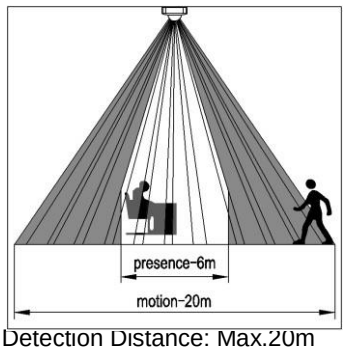


- Pull out the battery holder
- Put in a new battery (3V)

SENSOR INFORMATION:

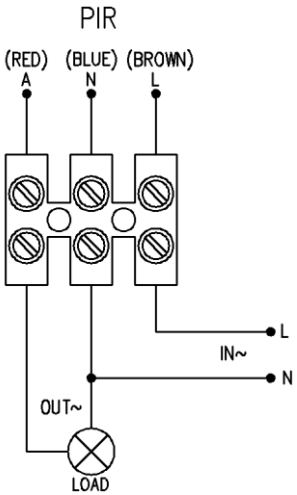


Height of installation: 2.2-6m



Detection Distance: Max.20m

CONNECTION-WIRE DIAGRAM (See the right figure)



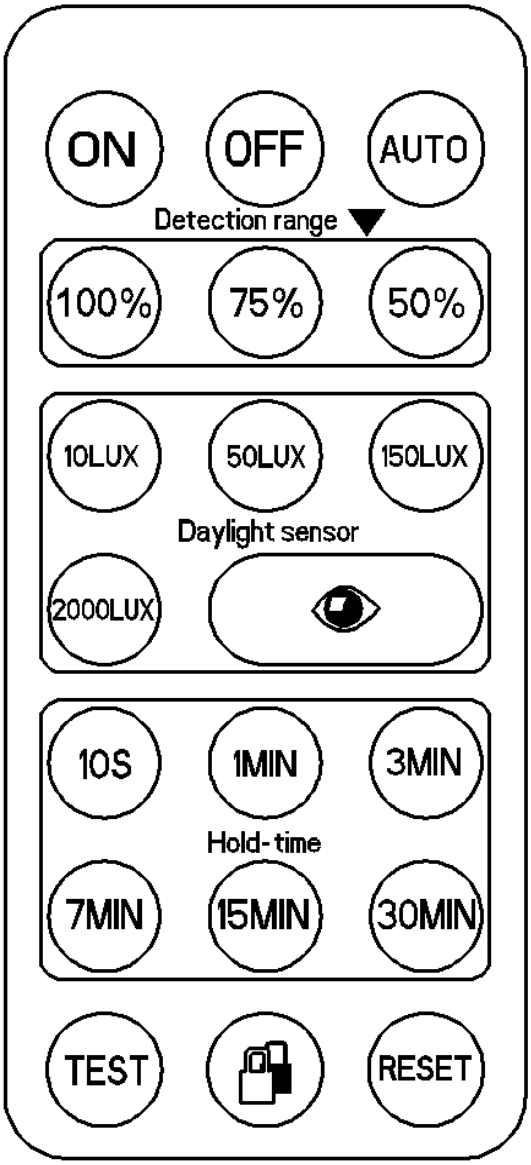
It requires a remote control for setting all parameters! About the details kindly see in "IR REMOTE CONTROLLER".

Please note: The factory mode is 30MINS, 2000LUX

When switch on the power; the sensor and its connected lamp will have no signal at the beginning. After Warm-up 15 sec, the sensor can start work

Press "RESET", it will return to the factory mode.

IR REMOTE CONTROLLER:



- ON Load switching ON
  After 8hours, return to AUTO mode
- OFF Load switching OFF
  After 8hours, return to AUTO mode
- AUTO Set load work depending on motion
- RESET Sensor works according to knob setting
- Automatically read-in the actual ambient light level and the sensor works according to this LUX value stored, range 3-2000LUX
- Lock & unlock remote controller buttons
- TEST Test mode
- 100% 75% 50% Adjust detection range
- 10LUX 50LUX 150LUX 2000LUX Adjust LUX value from 10-2000LUX
- 10S 1MIN 3MIN 7MIN 15MIN 30MIN Set delay off time of load

SOME PROBLEM AND SOLVED WAY:

- The load do not work:
  a. Please check if the connection-wiring of power and load is correct.
  b. Please check if the load is good.
  c. Please check if the working light sets correspond to ambient light.
- The sensitivity is poor:
  a. Please check if there has any hindrance in front of the detection window to affect to receive the signal.
  b. Please check if the ambient temperature is too high.
  c. Please check if the induction signal source is in the detection fields.
  d. Please check if the installation height corresponds to the height showed in the instruction.
  e. Please check if the moving orientation is correct.
- The sensor cannot shut off the load automatically:
  a. Please check if there is continual signal in the detection field.
  b. Please check if the time delay is the longest.
  c. Please check if the power corresponds to the instruction.