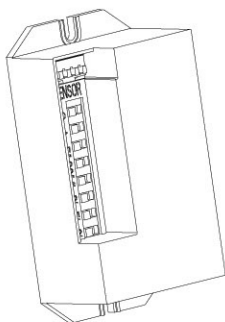


# INFRARED MOTION SENSOR S12A

## USER'S MANUAL

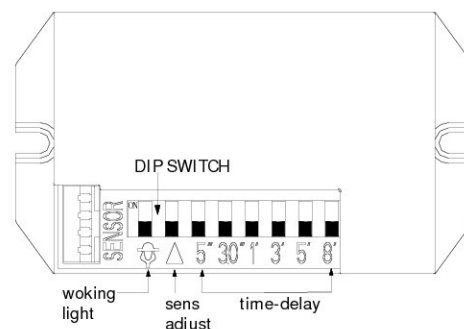


### SUMMARY

This product is an energy automatic sensor switch, it can identify day and night. It adopts infrared detector, IC and SMD technology, when someone enter its detecting range and triggered it work, the infrared detector turn on the lamp, after he leave its range, the lamp will turn off automatically.

### FEATURES

1. Adopts 8-bit DIP switch:
  - You can select working light to work only in the light below 10lux or in any light;
  - Adjustable sensitivity;
  - Choose working time-delay of the load: 5s, 30s, 1Min, 3Min, 5Min, 8Min.
2. The time that the load work can delay automatically: it re-computes time after the last sensing;
3. Out connect infrared detector and sensitization resistor;
4. Simple structure and using convenient.

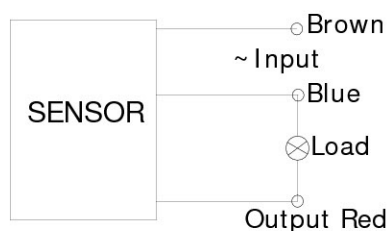


### TECHNICAL INDEX


sense range:	100° (side view)\360° (top view)
sense distance:	8m (22℃)
Power supply:	180~240V/AC <input type="checkbox"/> 110~130V/AC <input type="checkbox"/>
rated load:	800W.resistive load(180~240V/AC) 500W.resistive load (110~130V/AC)
working temperature:	10℃ ~ 32℃
working humidity:	≤93% RH
time-delay:	5s、30s、1Min、3 Min、5 Min、8 Min.
Working light :	< 10LUX~2000LUX

### CONNECTION-WIRE FIGURE

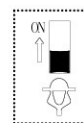
1. Connect brown and blue with power:
2. Connect red and blue with load.




## DIP SWITCH SETTING

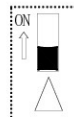
1. Working light (  ) selecting:

- when no slide to ON, it can working in any light degree;
- when slide to ON, it can only work at night (< 10LUX).



2. Sensitivity (  ) selecting:


- when no slide to ON, High sensitivity;
- when slide to ON, Low sensitivity.



3. Time-delay ( 5", 30", 1', 3', 5', 8' )

when select a certain time-delay, you only slide it to ON position.

## TEST

- Slide DIP 5" to ON position and other is on original position;
- Switch on power, after the load turn off, the sensor enter stable working state;
- Sense it once, the load turn on, and after 5s it turn off automatically;
- If slide DIP (  ) to ON position, test it in the daytime, sense it, the load will not be on, cover the sensitization resistor with opaque object, sense it once again, the load will be on, and after 5s it turn off automaticall.

## ATTENTION

- The installing personnel should be electrician or with correlation experience;
- Be sure not to install the unit in the place where sun shine, current and temperature change obviously, for example air conditioning, air warm;
- Do not choose the sway object as installing base;
- In front of sense range there should be no obstruction or moving object to influent its detecting.