

# PRODUCT DATASHEET

## INFRARED MOTION SENSOR

### ST24B

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.

### SPECIFICATIONS

Power Source:	220-240V/AC
Power Frequency:	50/60Hz
Ambient Light:	<3-2000LUX (adjustable)
Time Delay:	Min.10sec±3sec Max.8min±2min
Rated Load:	Max.800W ☼ 400W ⚡
Detection Range:	120°/360°
Detection Distance:	Wall: Max.8m (<24°C) Ceiling: Max. 6m (<24°C)
Working Temperature:	-20~+40°C
Working Humidity:	<93%RH
Power Consumption:	approx 0.5W
Installation Height:	1.8-2.5m
Detection Moving Speed:	0.6-1.5m/s
IP:	IP65
Size:	36.8x55.4x25.5mm
Main material:	Polycarbonate (UV proof)

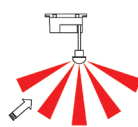


### FUNCTION

- 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.
- SENS adjustable: It can be adjusted according to using location. The detection distance of wall mounting could be 8m and ceiling mounting could be 6m.
- 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

### WARRANTY

**5 years.** Warranty only covers items properly stored, installed and operated.