

DPS16C INFRARED SENSOR

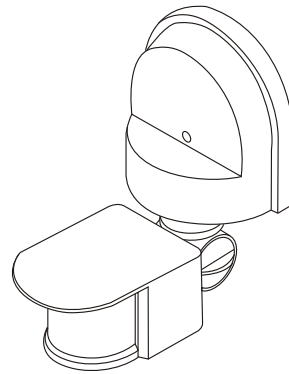
Instruction

This product is an energy saving automatic switch, it adopts integrated circuit and precise detecting components. It can be on when one comes and will off automatically after one leaves. It can identify day and night automatically. Its performance is very stable. The light will turn on automatically when one enters the detection field; the light will turn off after one leaves the detection field.

- Can identify day and night automatically. Ambient-light can be adjusted. So it will work at night and stop in the daytime. The consumer can adjust if freely.
- Detection distance can be adjusted according to the local place.
- The time delay can be adjusted vary to the place.
- The light-time can be added automatically. When one moves in the detection field when the lamp is lighting, it can compute time once more and delay the light-time automatically after the sensor detects signals once again.
- Installation diversify: we can fit connection line box, connection-mouth, ½" spiralling connection-hand.

Specification:

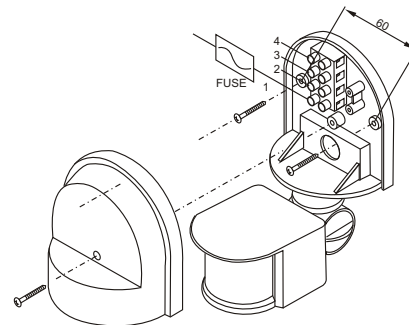
Detection distance (<24°C):	2~11m (adjustable)
Detection range:	180°
Power source:	180~240V/AC 50-60Hz <input type="checkbox"/>
	100~120V/AC 50-60Hz <input type="checkbox"/>
Rated load:	1200W (220V/AC max)
	800W (110V/AC max)
Working temperature:	-20°~+40°
Working humidity:	<93%RH
Time-delay:	5sec~7min ± 2min
Ambient-light:	<10~2000Lux (adjustable)
Installation height	1.8m~2.5m



Installation:

Avoid installing it where there is sunshine or air stream and temperature alter obviously connect line according to the right figure.

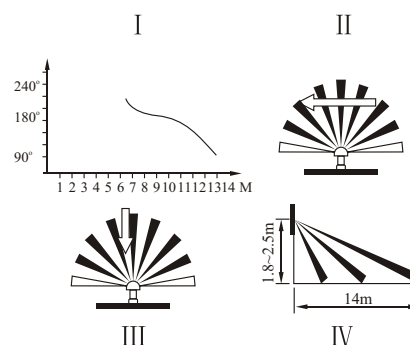
1. Brown
 2. Blue
 3. Earthing (yellow and green)
 4. Red/Black (be from infrared sensor)
- Connect 1 and 2 with INPUT
Connect 2 and 4 with OUTPUT



Connect:

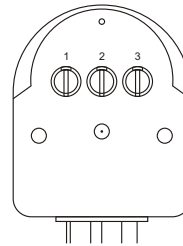
The detailed installing is confirmed according to the right figure.

- I . Detection Angle (top view)
- II . Good sensitivity (arrow is the moving orientation)
- III . Poor sensitivity
- IV . Detection distance and range (side view)



Operation:

- 1) Sensitivity: thrn the knob "1" clockwise to raise its sensitivity and turn it anti-clockwise to reduce its sensitivity.
- 2) Turn the knob "2" clockwise to last operating time and turn it anti-clockwise to shorten it.
- 3) Light control: Turn the knob "3", this product can operate in different ambient-light. (See Fig.)

**Notes:**

- Avoid installing it where there is sunshine or air stream and temperature alter obviously.
Avoid impacting the lens device with sharp things and coarse pollutant.