

SPECIFICATIONS

Power source:100-240V/AC

Power frequency: 50/60Hz

Rated load:1200W Max,tungsten($\cos\phi=1$)
300W Max,fluorescent($\cos\phi=0.5$)

HF system: 5.8GHz CW radar, ISM band

Transmission power: <0.2mW

Detection range: 2-10m(radii.) (adjustable)

Time setting: 8sec-12min (adjustable)

Detection angle: 360°(Ceiling installation)
180°(Wall installation)

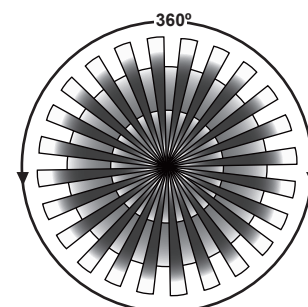
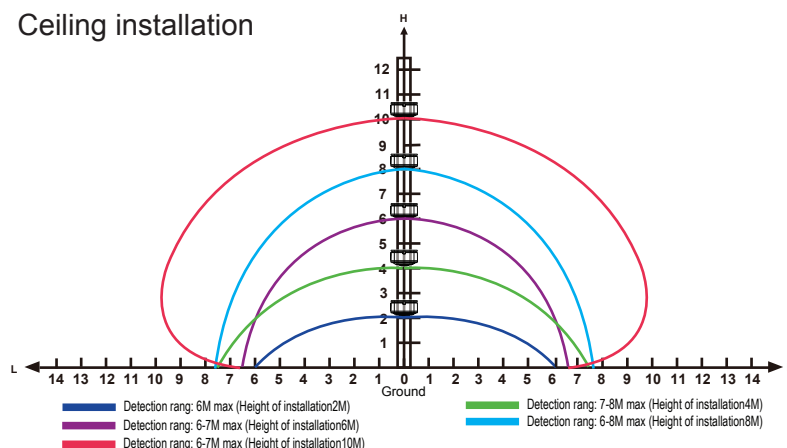
Light-control: 10-1000Lux (adjustable)

Installation sit: Ceiling mounting / Wall mounting

Standby power: Approx0.9W

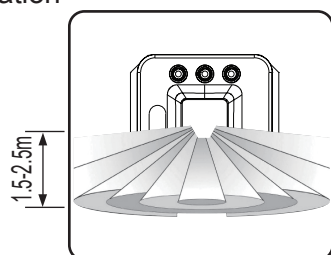
SENSOR INFORMATION

Ceiling installation

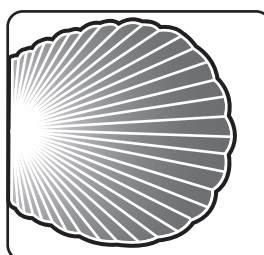


Sensing angle adjustment range

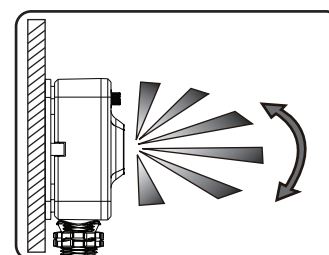
Wall installation



Height of installation1.5-2.5m



25m Max.
Correct moving orientation



180°
Detection angle

FUNCTION

AUTO="AUTO"mode, enable the sensor to detect

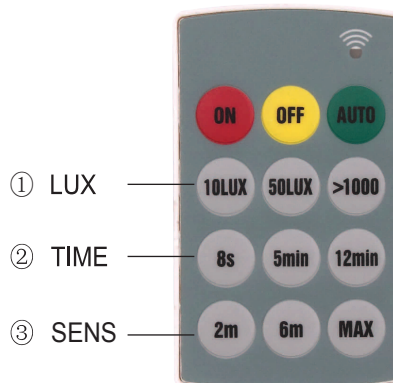
ON= Always on, about six hours later turn to "AUTO"mode

OFF= Always off, about six hours later turn to "AUTO"mode

① LUX: When luminance is less than 10 LUX, enable the light to power on, for the use at night. When luminance is less than 50 LUX, enable the light to power on, for the use when ambient luminance is not enough. When luminance is more than 1000 LUX, enable the light to power on, for the use when it is in the daytime.

② TIME: Adjust time-delay of load work. The time delay is about 8s when turn in to 8s. The time delay is about 12min when turn in to 12min.

③ SENS: Detection distance: two meters; it is an approximate value which will change according to detection object's size. Detection distance: six meters; it is an approximate value which will change according to detection object's size. Detection distance: maximum; it is an approximate value which will change according to detection object's size.



When the above button is input, the indication light will flicker twice.

SPECIAL FUNCTION

The remote controller has the rundle adjusting function.

1. LUX value adjusting, press the 50 LUX button, the sensor will flicker twice, press again, and it will flicker twice again. Press the third time; it indicates that the unit enters the rundle adjusting mode, then "10LUX" is used as the DOWN key, "50LUX" the median key, ">1000" the UP key; There are seven gears below, press the "10LUX" button, the indicator will flicker one time (power off one time), when reaching the minimum value, the indicator doesn't flicker, remaining on all the time. If you don't set the unit at this moment, it will enter the detection state three seconds later (set the valid time being ten seconds after the last time); This is also applied to the ">1000" and "10LUX" buttons. If you are not satisfactory with the set value or for other reasons, you can press the "50LUX" reverting to the median value, after the indicator flickers three times, you can reset it; the rundle adjusting function can withdraw automatically, the set time is ten seconds after the last time you input the button

2. Time setting adjusting, the same as the adjustment above, the difference is that pressing the "5MIN" button enters time setting, "8S" is used as DOWN key, "5M" as the median key, "12M" as UP key. When the time rundle adjusting is used, the minimum time is eight seconds, the maximum time is 12 minutes, one gear equates to 30 seconds.

3. Distance adjusting, the same as the way listed 1, press the "6M" there times entering the distance adjusting state, "2M" button is used for DOWN key, "6M" as reverting to median value button, "MAX" used as UP key, the minimum value is two meters (approximate value).

OPERATING PRINCIPLE OF THE SENSOR

After the sensor is powered on, the indicator will keep on for five seconds (the period may alter), entering the detection state 10 seconds later, you can set its sensitivity, delay time, luminance via the three knobs on the sensor. The indicator will flicker (no matter whether it is turn on or not), the lock time is four seconds after the sensor is power on. During this period whatever you operate the sensor, it won't activate, but the indicator will flicker according to detection.

When the remote controller is input "ON" or "OFF", the sensor enters always on/off mode, output power on/power off signal, the indicator will power on for one second every four seconds. It won't withdraw this mode until six hours later.

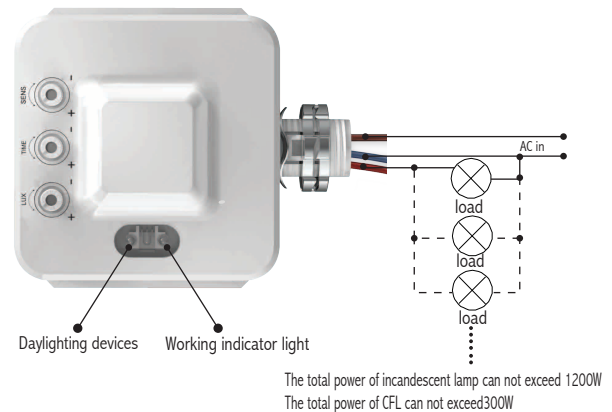
Remote controller and the local setting priority are subject to the last setting. If the last setting is remote controller, then all the settings are subject to the remote controller setting. Otherwise, all the settings are according to local setting.



Detection range setting (sensitivity)

Detection range is the term used to describe the radii of the more or less circular detection zone produced on the ground after mounting the sensor light at a height of 2.5m, turn the reach control fully anticlockwise to select minimum reach (approx. 2m radii), and fully clockwise to select maximum reach (approx. 10m radii).

NOTE: the above detection distance is gained in the case of a person who is between 1.6m~1.7m tall with middle figure and moves at a speed of 1.0~1.5m/sec. if person's stature, figure and moving speed change, the detection distance will also change.



Time setting

The light can be set to stay ON for any period of time between approx. 8sec (turn fully anticlockwise) and a maximum of 12min (turn fully clockwise). Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test.

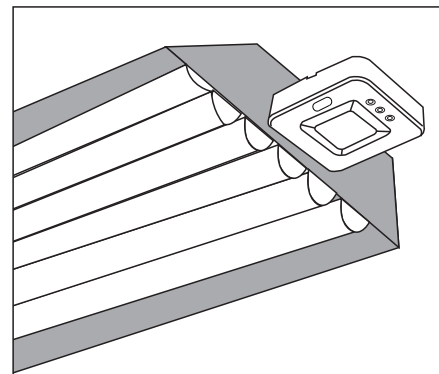
NOTE: after the light switches OFF, it takes approx. 1sec before it is able to start detecting movement again. The light will only switch on in response to movement once this period has elapsed.



Light-control setting

The chosen light response threshold can be infinitely from approx. 10-1000lux. Turn it fully anti-clockwise to select dusk- to-dawn operation at about 10 lux. Turn it fully clockwise to select daylight operation at about 1000lux. The knob must be turned fully clockwise when adjusting the detection zone and performing the walk test in daylight.

Note: please don't adjust the three functional buttons to excess. That is because the three functional buttons were connected to the components directly, there is a small stopper in each of the three components, when you adjust the buttons from start to end, the excessive turn will damage the stopper, and lead to the 360° non-stop turn around. The adjust range limit is 270°, please do pay attention to this.

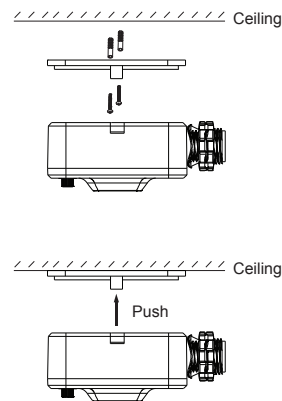
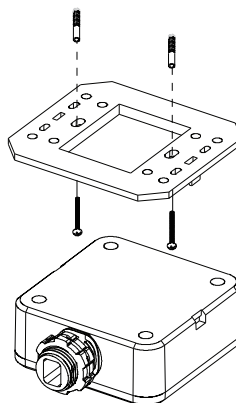


ATTENTION: When use this product, please adjust the sensitivity to an appropriate position you need, please do not adjust the sensitivity to maximum, to avoid the product does not work normally caused by wrong motion. Because the sensitivity is too high easily detect the wrong motion by wind blowing leaves & curtains, small animals, and the wrong motion by interference of power grid & electrical equipment. All those lead the product does not work normally !

When the product does not work normally, please try to lower the sensitivity appropriately, and then test it.

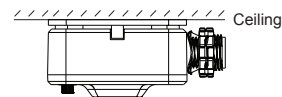
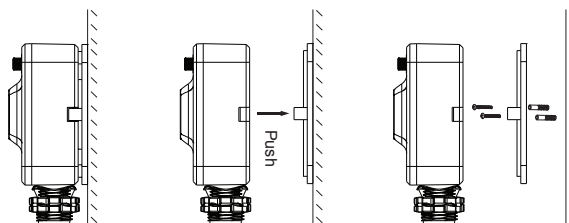
INSTALLATION INSTRUCTION

- (1) Before installing switch off power.
- (2) Take off the bottom-stand.
- (3) The bottom-stand is fixed on the selected position with inflated screw.
- (4) Connect the power and the load into the connection-wire column of the sensor according to connection-wire diagram.
- (5) The sensor aimed at the lock of the bottom-stand and push.



Wall Installtion

(Installation method is similar to ceiling installation)

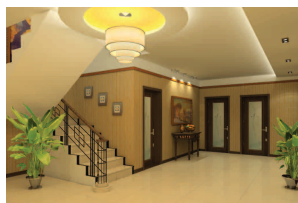


FOR OCCASIONS

The Control Switching Devices, installed in the nonmetallic objects.

Can be widely used in home\market\office building\factory\hotel\institution etc.

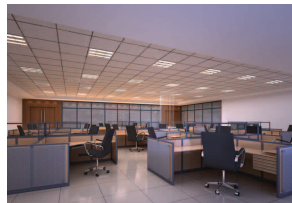
This product can be installed at the height up to 12M, suitable to be installed in the large warehouse.



Living room



warehouse



Office



Meeting Room

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