VEKTA

Creative Lighting Products

This product adopts high sensitivity detector, integrate circuit and SMD; It gathers automatic, convenient, safe, energy-saving, practical functions; It utilizes human motion infrared rays as control signal sources, when one enters the detection field, it will start the controlled load at once; It can identify day and night automatically; It is easy to install and its usage is widely

Power Source: 220V/AC-240V/AC

Power Frequency: 50Hz

Ambient Light : 10LUX/2000LUX (Choice)

Time Delay: 5sec, 30sec, 1min, and 3mins, 5mins, 8mins

Rated Load: 100W (incandescent lamp)

Rated Load: 100W (energy-saving lamp)

Detection Range: 360°

Detection Distance: 6m max (<24℃)

Working Temperature: -20~+40℃

Working Humidity: <93%RH

Installation Height: 1.8m~2.5m

Power Consumption: <0.9W (work)

Power Consumption: <0.9W (static)

**Detection Moving Speed:** 0.6~1.5m/s

Function

Can identify day and night automatically: when turn to SUN (max), it will work day and night, when turn it to MOON (min), it will only work in the ambient light less than 10LUX. As for adjustment, please refer to testing way.

SENS adjustable: It can be adjusted according to using location; low sensitivity for small room and high sensitivity fits for large room.

Time-delay is added continually: When it receives the second induction signals after the first induction, it will compute time once more on the rest of the first time-delay basis (set time).

Time-delay is adjustable: It can be set according to your desire, the minimum is 5sec, and the maximum is 8min.
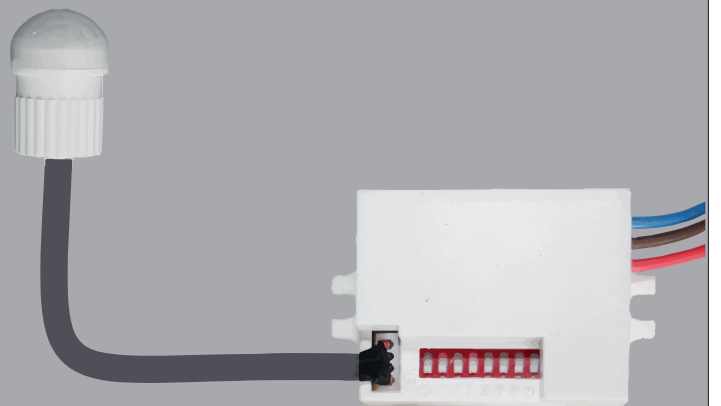
Installation: (see the diagram)

* Switch off the power

* Fix the bottom on the selected position with the inflated screw through the screw holes at the side of the sensor.

* Connecting the power and the load to sensor as per the connection-wire sketch diagram.

* Switch on the power and test it.

* Slide the LUX to "8"switch, the sensor will not work.(says the light can work without sensor.)
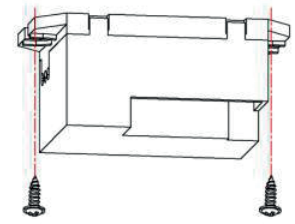
Note: when testing in daylight, please slide LUX switch to ☼ (SUN) position, otherwise the sensor lamp could not work!

CONNECT-WIRE FIGURE:
(See the figure)

N   ~IN   L

LOAD

BLUE   RED   BROWN

PIR
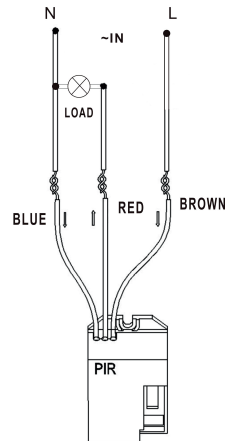
NOTE:

* Should be installed by electrician or experienced person.

* Avoid installing it on the unrest object.

* There should be no hindrance and moving objects in front of the detection windowstoeffectdetection.

* Avoid installing it near air temperature alteration zones such as air condition, central heating,etc.

* Considering your safety, please do not open the cover when you find the hitch after installation.

* If there is difference between instruction and the function the product has, pleasegivepriority to product and sorry not to infor you additionally

TEST:

* Slide the LUX ☼ switchto SUN position (like the PIC. below is SUN). Adjust the TIME switch, slide 5"switch to ON position. (slide upwards). 5 secs to 8min adjustable.

* When you switch on the power, and preheat 30 seconds later, the load is turned on, in the absence of no inductor signals, the load should be stopped working within 5-30sec.

* After the first is out, make it sense again after 5~10sec. The load should work. When there is no inductor signals in the indicator lamp, the load should be stopped working within 5sec.

* Slide the LUX switch to MOON position; it is in 10LUX, the load should be not work in the daylight. If you cover the detection window with the opaque objects (towel etc), the load work .under no induction signal condition, the load should stop working within 5-15sec.

SENSOR   ☼ 5" 30" 1' 3' 5' 8' ⏻

LUX   TIME   OFF

SENSOR ☼ 5" 30" 1' 3' 5' 8' ⏻
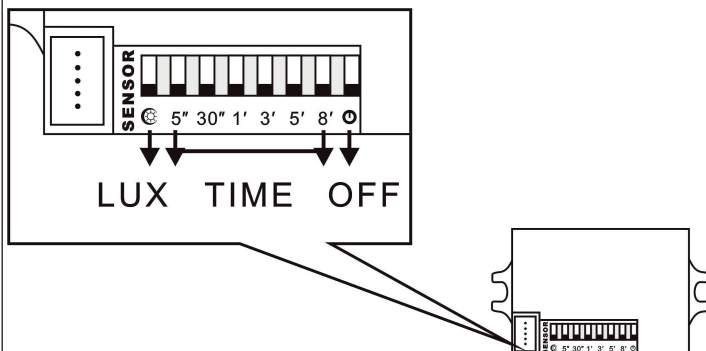
SOME PROBLEM AND SOLVED WAY

* The load don't 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 hindered in front of the detection window to effect 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 can not 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.
  d. Please check if the temperature near the sensor changes obviously, such as air condition or central heating etc.