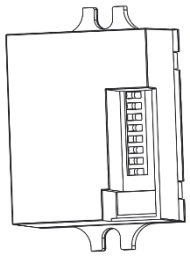
USER MANUAL

(PIR motion sensor)

Thank you for choosing **WELL**. Please read carefully the following instructions and keep them within reach.

Reorder No: SENS-PIR-D04-WL

This product adopts high sensitivity detector, integrated circuit and SMD; It gathers automatic, convenient, safe, energy-saving, practical functions; It uses human motion infrared rays as a control signal sources, when someone 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.



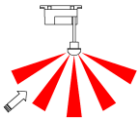
SPECIFICATION:

Power source: 220V/AC-240V/AC
Power frequency: 50/60Hz
Ambient light: 10LUX/2000LUX (Choice)
Time-delay: 5sec, 30sec, 1min, and 3mins, 5mins, 8mins
Rated load: 100W (led lamp)
Detection distance: 6m max (<24℃)
Detection range: 360º
Working Temperature: -20~+40℃
Working Humidity: <93%RH
Installation Height: 1.8m~2.5m
Power Consumption: approx. 0.5W
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.
- 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.

Good sensitivity

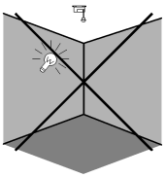


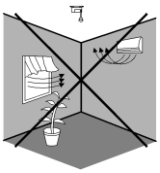
Poor sensitivity

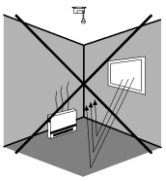
INSTALLATION ADVICE:

As the detector responds to changes in temperature, avoid the following situations:

- Avoid pointing the detector towards objects with highly reflective surfaces, such as mirrors etc.
- Avoid mounting the detector near heat sources, such as heating vents, air conditioning units, light etc.
- Avoid pointing the detector towards objects that may move in the wind, such as curtains, tall plants etc.





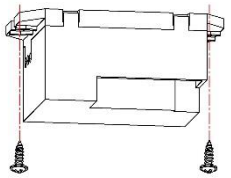


CONNECTION:

WARNING

Warning. Danger of death through electric shock!

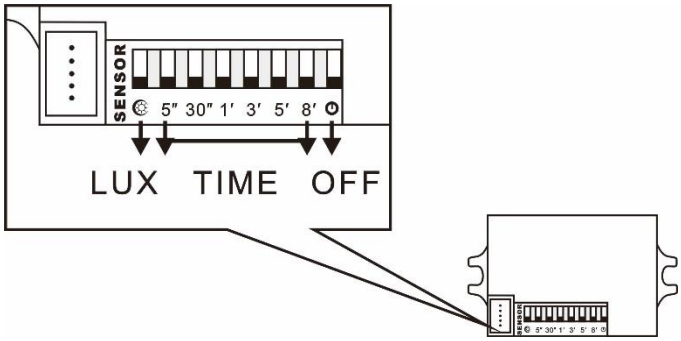
- Must be installed by professional electrician.
- Disconnect power source.
- Cover or shied any adjacent live components.
- Ensure device cannot be switched on.
- Check power supply is disconnected.

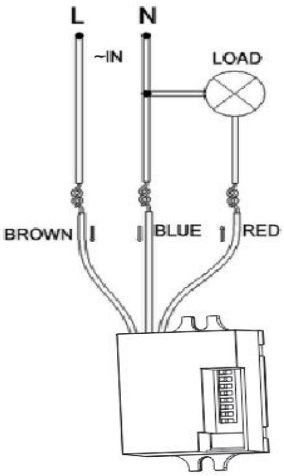


- Connect the power and the load according to the connection-wire diagram.
- Fix the bottom on the selected position with the inflated screw.
- Switch on the power and test it.

CONNECTION DIAGRAM:

(See the figure)





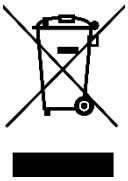
TEST:

- Slide the LUX switch to SUN position (☼). Adjust the TIME switch, slide 5" switch to ON position. (slide upwards).5 secs to 8min adjustable.
- When you switch on the power for the first time it will preheat and 30 seconds later, the load will be turned on, in the absence of no receiving signals, the load should stop 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 and the load will not work in the daylight. If you cover the detection window with opaque objects (towel etc), the load under no induction signal condition will stop working within 5-15sec.
- Slide the LUX to "8" switch, the sensor will not work. (says the light can work without sensor.)

Note: When testing in daylight, please turn LUX knob to ☼ (SUN) position, otherwise the sensor lamp will not work! If the lamp is more than 60W, the distance between lamp and sensor should be 60cm at least.

TROUBLESHOOTING:

- The load does not work:
  a. Please check if the connection of power source and load is correct.
  b. Please check if the load is good.
  c. Please check if the settings of working light correspond to ambient light.
- The sensitivity is poor:
  a. Please check if there is any obstacle in front of the detector to affect it to receive signals.
  b. Please check if the ambient temperature is not too high.
  c. Please check if the induction signal source is in the detection field.
  d. Please check if the installation height corresponds to the height required in the instructions.
  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 set to the maximum position.



Waste electrical and electronic equipment are a special waste category, collection, storage, transport, treatment and recycling are important because they can avoid environmental pollution and are harmful to health. Submitting waste electrical and electronic equipment to special collection centers makes the waste to be recycled properly and protecting the environment. Do not forget! Each electric appliance that arrives at the landfill, the field, pollutes the environment!

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