

USER MANUAL

(PIR motion sensor)



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

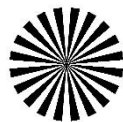
This product adopts high sensitivity detector, integrated circuit and SMD; It gathers automatic, convenient, safe, energy-saving, practical functions; It uses human motion infrared rays as a control signal sources, when someone enters the detection field, it will start the controlled load at once; It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

SPECIFICATION:

Power Source: 220-240V/AC	Detection Range: 360°
Power Frequency: 50/60Hz	Detection Distance: 6m max(<24°C)
Ambient Light: <10-2000LUX (adjustable)	Working Temperature: -20~+40°C
Time Delay: Min.10sec±3sec	Working Humidity: <93%RH
Max.7min±2min	Power Consumption: approx. 0.5W
Rated Load: 1200W (incandescent lamp)	Installation Height: 2.2-4m
300W(energy-saving lamp/led lamp)	Detection Moving Speed: 0.6-1.5m/s

FUNCTION:

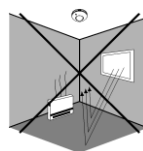
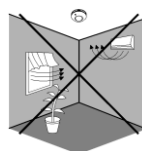
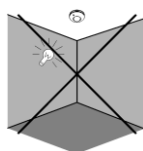
- Can identify day and night: The consumer can adjust working state in different ambient light. It can work in the daytime and at night when it is adjusted on the “sun” position (max). It can work in the ambient light less than 10LUX when it is adjusted on the “moon” position (min).
- Time-Delay is added continually: When it receives the second induction signals within the first induction, it will restart to time from the moment.



INSTALLATION:

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.



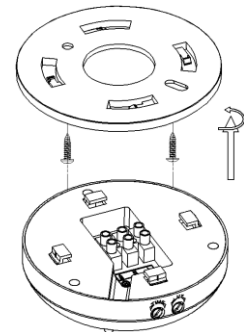
CONNECTION:

⚠ WARNING

⚠ Warning. Danger of death through electric shock!

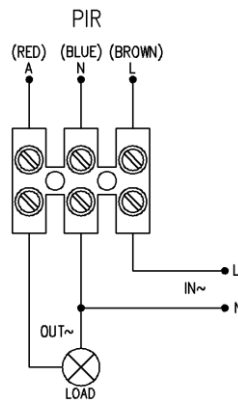
- Must be installed by professional electrician.
- Disconnect power source.
- Cover or shield any adjacent live components.
- Ensure device cannot be switched on.
- Check power supply is disconnected.

- Turn the bottom-cover anti-clockwise and unload it.
- The power wire goes across the hole in the middle of bottom-stand. Connect the power wire into connection-wire column according to the connection-wire diagram.
- Fix the bottom-stand on the selected position with the provided screws.
- The sensor should be aimed at the mouth of bottom-stand and turned clockwise.
- After finishing installing, turn on the power and then test it.

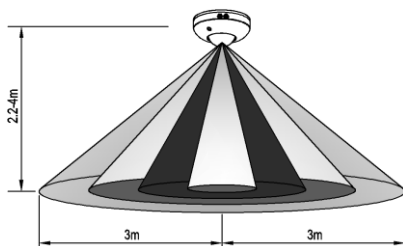


CONNECTION-WIRE DIAGRAM:

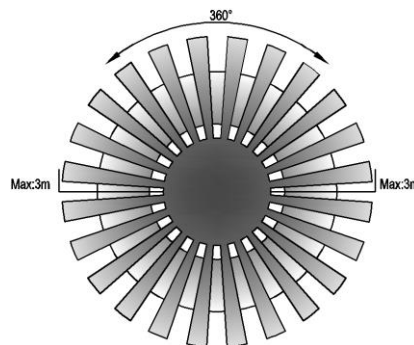
(See the right figure)



SENSOR INFORMATION



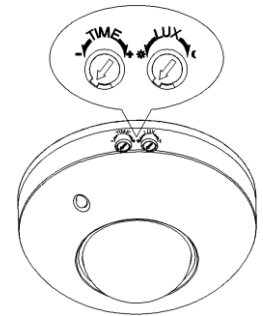
Height of installation: 2.2-4m



Detection Distance: Max.6m

TEST:

- Turn the TIME knob anti-clockwise on the minimum (-). Turn the LUX knob anti-clockwise on the maximum (sun).
- Switch on the power; the sensor and its connected lamp will have no signal at the beginning. After Warm-up 30sec, the sensor can start work. If the sensor receives the induction signal, the lamp will turn on. While there is no another induction signal any more, the load should stop working within 10sec±3sec and the lamp would turn off.
- Turn LUX knob clockwise on the minimum (moon). If the ambient light is more than 10LUX, the sensor would not work, and the lamp stop working too. If the ambient light is less than 10LUX (darkness), the sensor would work



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

SOME PROBLEM AND SOLVED WAY:

- 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 hindrance in front of the detector to affect it to receive the signals.
 - b. Please check if the ambient temperature is 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 instruction.
 - e. Please check if the moving orientation is correct.
- The sensor cannot 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.
 - c. Please check if the power corresponds to the instruction.



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!



Importer & distributor:

SC VITACOM ELECTRONICS SRL
 CIF: RO 214527
 Tel. 0264-438401*

sales@vitacom.ro, www.vitacom.ro