

Core+ Sensor

8 Meter

PRODUCT DESCRIPTION

- Presence detector with 360° field of detection.
- Detection Range of up to 8m in diameter.
- Mask available for restriction of detection area.
- Parameters can be set by rotating knob.
- High performance relay for 1000W LED Load.
- Compact size for Independent flush mounting.
- Factory setting for immediate operational readiness.



Item Number: **QSR-PIR-COR-RD**

OPERATING ENVIRONMENT

Rated voltage	110 - 240V AC
Operating frequency	50/60Hz

OUTPUT

Power Consumption	< 0.5W
Working Mode	ON/OFF function
Type of Load	LED, Inductive or Resistive Load

SENSOR PARAMETERS

Load Capacity	1000W @230Vac LED Lights
Technology	PIR (Passive infrared)
Hold time	10 Sec to 30Min
Lux Level	3 - 2000LUX
Type of contact	Non floating
Slave Input	No
Detection (Dia.)	8m (mount height 2.2m)
Operation	Fully Automatic
Mounting height	2.2 -4m Max
Detecting Angle	360°

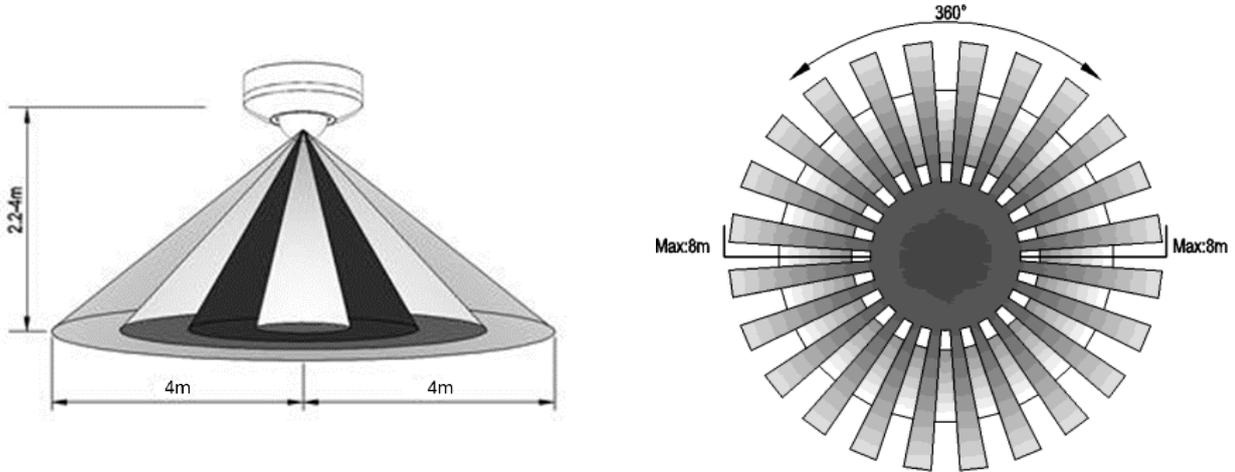
OPERATING TEMPERATURE

Operating Temperature	-20°C...+45° C
Storage Temperature / Humidity	Temperature -40°C...+80 °C; Humidity: 10% - 90% (non condensing)

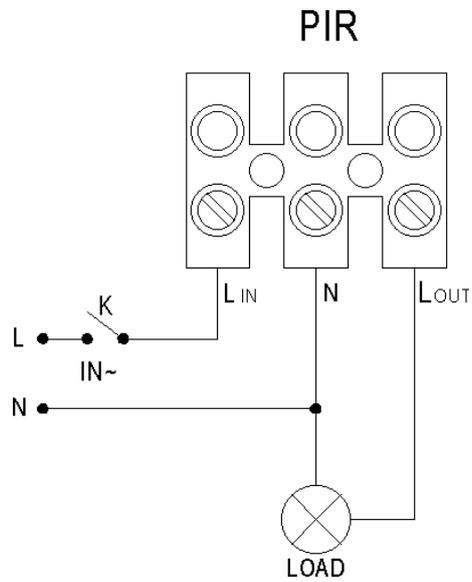
OTHER

Wiring	Screw type Terminal Block; I/P / O/P wire Dia : 0.75,1.5mm ²
IP Rating	IP44
Protection Class	Class II
Installation	Surface / Recess mount
Detection Moving Speed	0.6 - 1.5m/s
Material	UV stabilized PC

FUNCTIONS



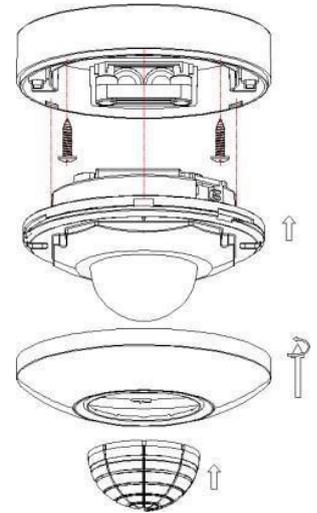
CIRCUIT DIAGRAM



INSTALLATION METHODS

Method 1: Surface Mounting

1. Please remove the metal spring of the sensor, and use the bottom casing.
2. Please move the upper cover with anti-clockwise whirl as per the diagram on the right.
3. Connect the power and the load according to the connection-wire diagram.
4. Fix the bottom casing on the selected position with the inflated screw.
5. Install back the upper cover on the sensor, then you could switch on the power and test it.



Method 2: Recess Mounting

1. Unload the cover which is at the bottom of the sensor.
2. Loose the screws in the connection terminal, and then connect the power to connection terminal of sensor according to connection-wire diagram.
3. Install back the cover into the original location.
4. Fold the metal spring of the sensor upwards, until they are in "I" position with sensor, and then put the sensor into the hole or installation box which is on the ceiling and has the similar size with the sensor. Releasing the spring, the sensor will be set in this installation position.
5. After finishing installing, turn on the power and then test it.

