



Leading you
towards a
smart life

WELCOME TO A SMARTER WORLD

TOP-NOTCH SMART SOLUTIONS BY **sensinova**[®]



HOME AUTOMATION DEVICES

WIRELESS SWITCHES
SMART DOOR LOCK
PEARL
TULIP SMART LIGHTS



SENSOR LIGHTING SOLUTIONS

SENSOR LED TUBE LIGHTS
SENSOR STREET LIGHTS
SENSOR PANEL LIGHTS



MOTION SENSORS

MICROWAVE
MOTION SENSORS
PIR MOTION SENSORS
DAYLIGHT CONTROL
SENSORS(PHOTOCELL)
WARDROBE /
CABINET SENSOR



Smart Home

We make your home smarter by providing you with the ability to control items around the house with a simple push of a button or a voice command.

Comfort and Convenience

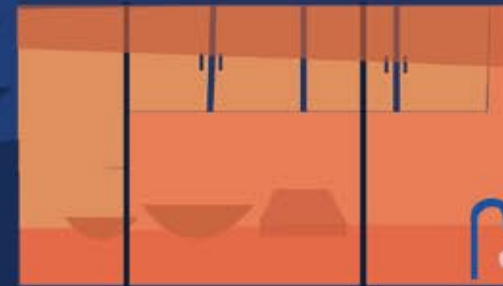
We aim to provide complete comfort and convenience to users by enabling them to manage every device and control it through a smartphone app.

Smart Energy Savings

Our sensors can participate in a new kind of digital ecosystem, in which they can be managed intelligently to save energy within a building or even within a city.

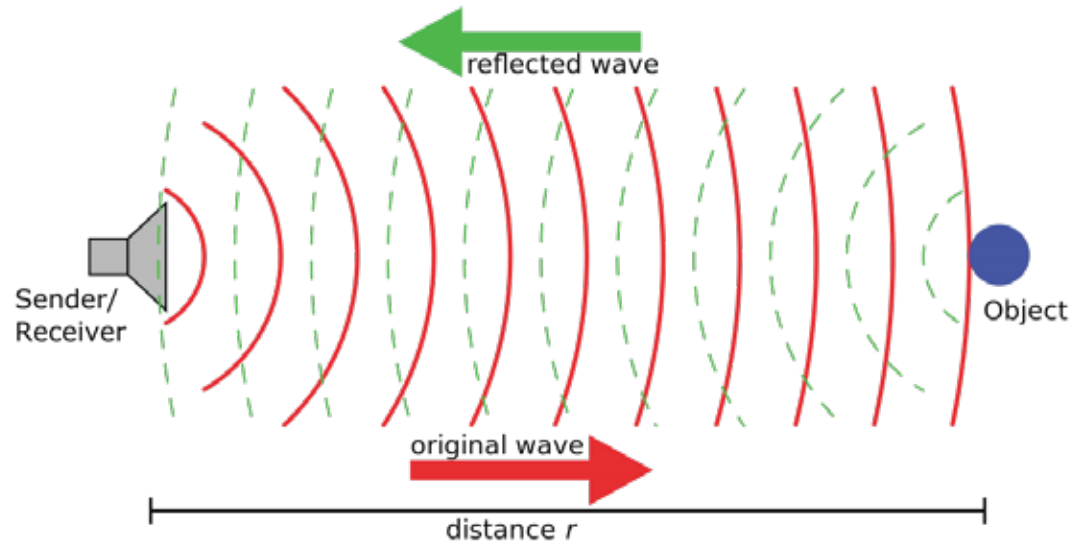


MOTION SENSORS





How does a Microwave Motion Sensor work?



A Microwave Motion Sensor emits waves in the detection area. These waves get reflected back to the receiver when they bounce off a surface. The receiver constantly analyzes the waves that are bounced back. If there is an object/individual moving in the room, these waves are going to be altered and so when the sensor identifies this motion, it automatically sends the signal for initiating the programmed command like opening doors, switching on lights or to sound an alarm.

Area of application

Microwave Motion Sensors can be used for a wide variety of applications at residential as well as commercial locations like

- Complexes
- Malls and Offices
- Cold storages
- Industrial Warehouse
- Manufacturing facilities
- Parking areas
- Fire Exits
- Lifts
- Lobby and Passages
- Washrooms and Store rooms
- Bus stations, Railway stations and Airports
- Hotels and Hospitals
- Corporate offices and malls

Benefits of using Microwave Motion Sensors

- Microwave sensors can cut a substantial amount of energy wastage by turning off lights automatically when the area is unoccupied.
- Activated by minimum motion & speed.
- Gives stable performance at temperatures as low as -20°C and as high as 55°C
- Motion can be detected through plastic, glass, false ceilings & thin non-metal materials.
- They have wide coverage range.

Mircowave Sensor



NANO 16

(Ceiling Mounted - 360° Detection)



NOVA 4T

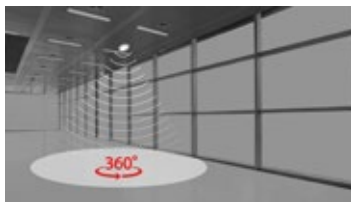
(Wall / Ceiling Mounted - 360°)



SN-MW700 C

(Wall / Ceiling Mounted - 180° / 360°)

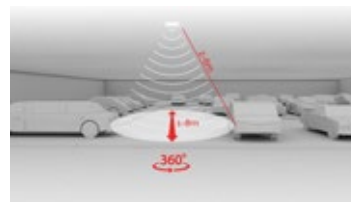
Power Source:	220-240V/AC	220V-240V/AC	220-240V/AC
Power Frequency:	50 Hz	50Hz	50/60Hz
HF System:	5.8Ghz CW Radar, ISM Band	5.8Ghz CW Radar, ISM Band	5.8GHz CW radar, ISM band
Transmission Power:	0.2 mW	0.2mW	<0.2mW
Time Delay:	Min. 10 sec +/- 3 sec, Max. 12 Min +/- 1 min	Min. 10 sec +/- 3 sec, Max. 12 Min +/- 1 min	Min. 10Sec±3Sec, Max. 12Min±1Min
Rated Load:	800W (Incandescent), 300W (LED Load)	1200W (Incandescent), 300W (LED Load)	2000W (Incandescent), 1000W (LED LOAD)
Detection Range:	360°	360°	360°
Detection Distance:	2-16m (radius), Adjustable	Wall: 5-15m (adjustable), Ceiling: 1-8m (radius), adjustable	1-8m (radius), Adjustable
Ambient Light:	<3-2000LUX	3-2000LUX	<3-2000LUX
No. of Wires:	4	4	4
Install Height:	2-6m	2-6m	2-6m
Power Consumption:	Approx 0.9W	Approx 0.9W	Approx 0.9W
Detection Motion Speed:	0.5-1.5m/s	0.5-1.5m/s	0.5-1.5m/s



ENERGY SAVING

8m 10sec - 12min

3 - 2000LUX IP20 **3 YEAR WARRANTY**



ENERGY SAVING

Wall: 15m Ceiling: 8m 10sec - 12min 3 - 2000LUX

*Ideal for placement inside lighting fittings and fixtures IP20 **3 YEAR WARRANTY**



ENERGY SAVING

8m 10sec - 12min

3 - 2000LUX IP20 **3 YEAR WARRANTY**

Mircowave Sensor



SN-MW753
(Flush Mounted - 360° Detection)



SN-MW765
(Wall Mounted - 180° IP65)



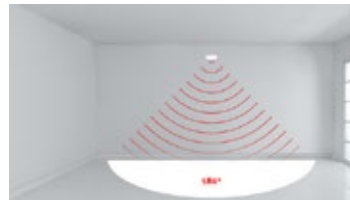
SN-MW759D
(Highbay Sensor - 360° with 1-10v Dimming)

Power Source:	220/240V/AC	220/240V/AC
Power Frequency:	50Hz	50Hz
HF System:	5.8GHz CW radar, ISM band	5.8GHz CW radar, ISM band
Transmission Power:	<0.2mW	0.2mW
Time Delay:	Min. 10Sec±3Sec, Max. 12Min±1Min	Min. 10Sec±3Sec, Max. 12Min±1Min
Rated Load:	1200W(Incandescent), 300W (LED Load)	1200W(Incandescent), 300W (LED Load)
Detection Range:	360°	180°
Detection Distance:	1-8m (radius), Adjustable	5-12m (Adjustable)
Ambient Light:	<3-2000LUX	<3-2000LUX
No. of Wires:	3	3
Install Height:	1.5-3.5m	1.5-3.5m
Power Consumption:	Approx 0.9W	Approx 0.9W
Detection Motion Speed:	0.5-1.5m/s	0.5-1.5m/s

Power Source:	120-277V/AC
Power Frequency:	50Hz
Detection Angle:	360°
Detection Range:	50%, 100%(choice)
Daylight sensor:	2lux, 10lux, 50lux, 2000lux (choice)
Detection Distance:	4-10m (radius), adjustable
HF System:	5.8GHz CW radar, ISM band
Transmission Power:	0.2mW
Power Consumption:	approx 0.9W
Hold Time:	5sec, 30sec, 90 sec, 3min, 5 min, 10min, 20min, 30min
Installing Height:	4-15m
Detection Motion Speed:	0.5-1.5m/s
Stand-by Period:	10s, 1min, 5min, 10min, 30min, 60min, +∞, 0s (choice)
Rated Load:	Max.1200W (220-277V/AC), 800W (120V/AC), 800W (220-277V/AC), 400W (120V/AC)
Stand-by DIM Level:	10%, 20%, 30%, 50% (choice)



ENERGY SAVING
 3 - 2000LUX IP20



ENERGY SAVING
 3 - 2000LUX IP65



ENERGY SAVING

 IP65

How does a PIR Motion Sensor work?



PIR

Passive Infrared Sensor

adopt a good sensitivity detector and an integrated circuit. This sensor gathers automatism, convenience, safety, energy-saving, and practical functions. It utilizes the infrared energy from the human body as a control signal source, and it can start the load at once when one enters the detection field. It can automatically identify day and night and is easy to install and a widely used product.

Area of application

PIR Motion Sensors can be used for a wide variety of applications at residential as well as commercial locations like complexes, malls and offices They can be used for :

- Hospitals/Clinics
- Institutes/Schools/ Colleges/Universities
- Hostels/PG
- Transport: Railways/Airport/Bus Stand
- Corporate Offices/Government Offices
- Hotels
- Warehouses
- Manufacturing Companies
- Shopping Malls

PIR Sensors



IRIS S8

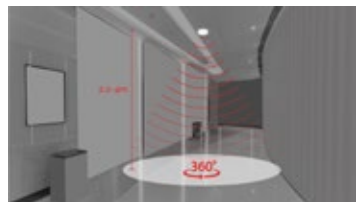


SN-PR05B
(360° Ceiling Mount)



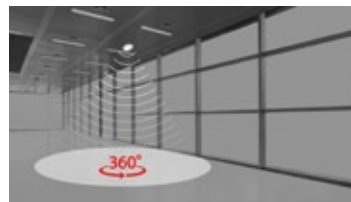
SN-PR15
(Wall Mounted 180° Detection)

Power Source:	220-240V/AC	220-240V/AC	220-240V/AC
Power Frequency:	50 Hz	50Hz	50Hz
Detection Range:	360°	360°	180°
Detection Distance:	8m max(<24°C)	12m max(<24°C)	12m max(<24°C)
Ambient Light:	<3-2000LUX (Adjustable)	<3-2000LUX (Adjustable)	<3-2000LUX (Adjustable)
Hold Time:	Min. 10Sec±3Sec, 7Min±2min	Min. 10 sec +/- 3 sec, Max. 15 Min +/- 2 min	Min. 10Sec±3Sec, 15Min±2min
Working Temperature:	-5°C~+55°C	-5°C~+55°C	-5°C~+55°C
Working Humidity:	<93%RH	<93%RH	<93%RH
Power Consumption:	Approx 0.9W	Approx 0.9W	Approx 0.9W
Rated Load:	400W (Incandescent), 100W (LED LOAD))	1200W(Incandescent), 300W (LED Load) 2.2-4m	1200W(Incandescent), 300W (LED Load)
Installation Height:	2.2-4m	2~2000LUX	1.8-2.5m
Detection Moving Speed:	0.5-1.5m/s	0.5-1.5m/s	0.5-1.5m/s



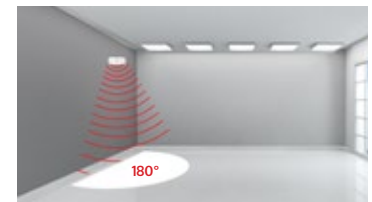
ENERGY SAVING 8m 10sec - 7min

3 - 2000LUX IP20



ENERGY SAVING 12m 10sec - 7min

3 - 2000LUX IP20



ENERGY SAVING 12m 10sec - 15min

3 - 2000LUX IP65



SN-PR46A

(Sensor for Corridor / Passages 20mx4m Detection)



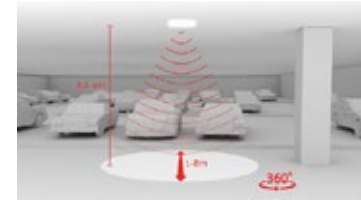
IRIS S20

(Occupancy Sensor - 360° Ceiling Mount)



IRIS F20R

Power Source:	220-240V/AC	220-240V/AC	220-240V/AC
Power Frequency:	50/60Hz	50Hz	50Hz
Detection Range:	360°	360°	360°
Ditection Distance:	14mx20m max(<24°C)	20m max(<24°C)	20m max(<24°C)
Ambient Light:	<3-2000LUX (Adjustable)	<3-2000LUX (Adjustable)	<3-2000LUX (Adjustable)
Hold Time:	Min. 10Sec±3Sec, 30Min±2min	Min. 10Sec±3Sec, 30Min±2min	Min. 10Sec±3Sec, 30Min±2min
Working Trmprature:	-5°C~+55°C	-5°C~+55°C	-5°C~+55°C
Working Humidity:	<93%RH	<93%RH	<93%RH
Power Consumption:	Approx 0.9W	Approx 0.5W	Approx 0.9W
Rated Load:	2000W (Incandescent), 1000W (LED LOAD)	2000W (Incandescent), 500W (LED LOAD)	2000W (Incandescent), 500W (LED LOAD)
Installation Height:	4-10m	2-6m	2.2-6m
Detection Moving Speed:	0.5-1.5m/s	0.5-1.5m/s	0.5-1.5m/s



PIR Sensors



SN-PR07

(Ceiling Mount - 360°
Detection - Eco)



SN-PR05E

(Ceiling Mount - 360° with
1-10V Dimming & Remote)



SN-S12W

Works with
Sensinova App

Power Source:	220-240V/AC	220-240V/AC	220-240V/AC
Power Frequency:	50Hz	50Hz	50Hz
Detection Range:	360°	360°	360°
Detection Distance:	6m max(<24°C)	6m max(<24°C)	8m max(<24°C)
Ambient Light:	<3-2000LUX (Adjustable)	<3-2000LUX (Adjustable)	-
Hold Time:	Min. 10Sec±3Sec, 7Min±2min	Min. 10Sec±3Sec, 30Min±2min	-
Working Temperature:	-5°C~+55°C	-5°C~+55°C	-5°C~+55°C
Working Humidity:	<93%RH	<93%RH	-
Power Consumption:	Approx 0.9W	Approx 0.9W	Approx 0.5W
Rated Load:	1200W(Incandescent), 300W (LED Load)	2000W (Incandescent), 500W (LED LOAD)	Max. 2000W. 1000W
Installation Height:	2.2-4m	2.2-4m	2.2-4m
Automatic Lighting Range:	-	2~2000LUX	-
Stand-by Period:	-	5min, 10min, 15min, 30min, 60min, +∞(Choice)	-
Stand-by Dimming Level:	-	OFF, 10%, 20%,30% (Choice)	-
Detection Moving Speed:	0.5-1.5m/s	0.5-1.5m/s	0.5-1.5m/s

Luminance Detection



Benefits of Using PIR Motion Sensor

- Highly cost-effective.
- Perfect for compact premises.
- Reliably detects motion under controlled temperature.
- Saves energy
- Not detectable through glass
- Unwanted area of detection can be masked
- Financial savings
- It is able to detect motion reliably indoors despite the time. It works well in the day as well as in the dark.
- PIR Sensors are equipped with powerful functions with low-cost advantages.

Wardrobe Sensor



Wardrobe/Cabinet/Closet Sensors



SN-AIRS06
(Single Door - DC12V)



SN-DDIR06
(Double Door - DC12V)



SN-PR123
(Single Door - 230V AC)



SN-PR122
(Hand Waving - 230V AC)



SN-DOWA60
(Dual Mode on/off & Waving
DC - 12V)



Light Control Sensors

Sensor lights are equipped with dimmable as well as on/off functions.

Benefits of Using Light Control Sensors

- Saves energy
- Pocket-friendly
- Low power consumption
- Automatically switches on/off based on Natural light
- More efficient than timer devices

Area of Application

- Townships
- Industrial streetlights and floodlights
- Signage boards
- Garden Lights
- Street Lights Under Nagar Nigam Yojana

Light Control Sensors



SN-PC302 Light Control

SN-PC302 can turn on or turn off light automatically according to ambient-light.

Ambient-temperature and humidity cannot affect it. It is not only convenient but also practical; it can control the load by working only at night. For instance road light, garden light etc.



Automatically switches light 'ON' and 'OFF'.
Saving Endless energy.

Power Source:	220-240 V/AC
Power Frequency:	50 Hz
Rated Current:	10A
Ambient Light:	<2-50LUX (Adjustable)

Light Control Sensors



SN-PC300 Light Control

SN-PC300 is an automatic photocell switch for signage boards, When the ambient-light darken to the LUX that you set in advance, the light will turn on. Equipped with the functions of LUX



Automatically switches light 'ON' and 'OFF'.
Saving Endless energy.

Power Sourcing : 220 -240V/AC

Power Frequency : 50Hz

Rated Current : 6A

Working Temperature : -20°C to +50°C

Built-in Timer : 1, 2, 3, 4, 5, 6, 7, 8, 9 Hours

Light Control Sensors



SN-PC308 Light Control

SN-PC308 can turn on or turn off light automatically according to ambient-light. Ambient-temperature and humidity cannot affect it. It is not only convenient but also practical; it can control the load by working only at night. For instance road light, garden light etc.



Automatically switches light 'ON' and 'OFF'.
Saving Endless energy.

Power Sourcing :	220 -240V/AC
Power Frequency :	50Hz
Rated Current :	20A
Ambient Light :	<2-100LUX (Adjustable)

A world full of **comfort, convenience and possibilities**





Who We Are

We are **Sensinova**. We are India's No. 1 brand in energy saving motion sensors and home automation that automates processes and takes away the burden of everyday life's mundane tasks.

Being a leading provider of motion sensors, home automation and smart lighting solutions, **Sensinova takes pride in having its reach spread across 8+ countries**. Best-in-class products and a network of expert dealers and distributors are at the core of every achievement at Sensinova.

Our esteemed clientele



“Driving forward the smart drive”

Meaning of symbols



Save energy automatically by turning lights on/off/dim/bright as needed



Automatically on and off feature



Lux is a unit used to measure the intensity of light hitting a surface, typically a wall or floor in a lighting design



Time delay determines for how long the output of the sensor will remain high after motion detection



IP RATING

They are used to define levels of sealing effectiveness of electrical enclosures against intrusion from foreign bodies (tools, dirt etc) and moisture



Lifetime

Life expectancy of a product



Detection distance of sensor



DIMMABLE

Dims down automatically when no motion is detected



Introducing
smart life across
8+ countries

sensinova[®]
motion on

Sensinova India, C K Patel Estate, Survey Number 372,
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