

# INDIA'S NO.1 BRAND IN ENERGY SAVING SENSOR

SMART & UNIQUE  
**DFX TECH**  
SENSORS  
AVAILABLE



**LIGHT CONTROL  
SENSOR**



**MICROWAVE MOTION  
SENSOR**



**PIR MOTION  
SENSOR**



**HIGHBAY/WAREHOUSE  
SENSOR**



**MICROWAVE LED  
SENSOR LAMP**

**MICROWAVE DIMMING  
SENSOR**



**TOUCH SWITCH**



**IR SENSOR SWITCH**



# AUTOMATIC MICRO WAVE MOTION SENSOR

## Microwave Motion Sensor



### What is Microwave Motion Sensor?

This sensor also known as presence detector sensor, radar, RF or Doppler sensors. It helps to detect walking, running or crawling human targets in an indoor or outdoor environment.

It create invisible volumetric detection zone by generating electromagnetic field between transmitter and receiver, any changes to that field are registered and it gives output by alarm ring.

### Where to use



Ceiling POP



Offices



Conference rooms



Malls



Meeting halls



Corridors



Parking Area



Hospitals



Multi-Apartment



Multi-Stairways



Schools



Basements





# AUTOMATIC MICRO WAVE SENSOR

**SLIM & SLEEK BEAUTIFUL  
IN LOOKS AND ASTHETICS**

**Enhance your safety...  
Install SENSINOVA Sensors**

**SN-MW700C**

**IDENTIFY AUTOMATICALLY DAY AND NIGHT**

## **SPECIFICATION**

<b>POWER SOURCE</b> 220 -240V/AC	<b>POWER FREQUENCY</b> 50Hz	<b>POWER CONSUMPTION</b> APPROX 0.9W	<b>RATED LOAD</b> 1200W , 300W
<b>DETECTION SPEED</b> 0.6-1.5M/S	<b>INSTALLING HEIGHT</b> 1.5-3.5M	<b>DETECTION RANGE</b> 360%	<b>TRANSMISSION POWER</b> <0.2MW
<b>AMBIENT LIGHT</b> <3-2000LUX (Adjustable)	<b>HF SYSTEM</b> 5.8GHZ CW RADAR, ISM BAND	<b>DETECTION DISTANCE</b> 1-8M (RADIUS) Adjustable	<b>TIME DELAY</b> MIN. 10SEC±3SEC - MAX. 12MIN±1MIN <3-2000LUX (ADJUSTABLE)



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# AUTOMATIC INDUSTRIAL MICROWAVE SENSOR / TIMER

## Energy Saving Solutions For Industrial Light

### High Bay Sensor SNMW759

IP65 Microwave Dimming Sensor for Warehouse



1. Automatic dimming when used in combination with 1-10V dimmable LED drivers or ballasts.
2. Detection area, time delay and daylight threshold can be precisely set via DIP switch.
3. Wide detection area, range up to 16m in diameter and mounting height 15M Max.
4. Dimming function or on off function.

## Light - control sensor (Photocell)



### Application:

- Street Lights
- Garden Lights
- Society Lights

### Description:

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





# AUTOMATIC LDR LIGHT SENSOR

## Dusk To Dawn Sensor



### Description

- Power Source : 110-130 V/AC 220-240 V/AC
- Power Frequency : 50/60 Hz
- Rated Current : 10 A
- Ambient Light : <5-50 LUX (Adjustable)

### Application

- Street Lights
- Garden Lights
- Society Lights, etc.

**Automatically Switches ON device in Evening and OFF in Morning.**



**Street Lights**



**Garden Lights**



**Society Lights**



# IR SENSOR SWITCH

**SN-ADIR06**



**Touching Dimmer**

**Specification:**

- 1. Power supply: DC12V
- 2. Max switching capacity: 20W
- 3. Cable length: 1500mm
- 4. Dust-proof, against solid things and waterproof level: IP20
- 5. Sensor distance: 3-5cm

**SN-AIRS02**



**IR Sensor (Door Trigger)**



**Specifications:**

- 1. Power supply: DC12V
- 2. Max switching capacity: 40W
- 3. Cable length: 1200mm
- 4. Dust-proof, against solid things, IP20
- 5. Sensor distance: 5-10cm

**SN-AIRS04 / SN-WAIR04**

**IR Sensor (Door Trigger) / Hand Shaking**

## Where To Use



Cabinet

Lockers

Wardrobe

Safes



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# LED TUBE LIGHT WITH MOTION SENSOR

## Bachat LED Tube with Sensor

T8 . 18 watt tube with integrated microwave sensor

The ultimate in energy-efficient tube lighting.  
Automatically dims to 20% brightness in the  
absence of human traffic (18W reduces to only 3.5W).

### Dimming via built-in microwave sensor for vastly superior energy efficiency

When needed, the light output is an extra bright 1500 lumens,  
with superior light quality

In the absence of human traffic, tube automatically dims to  
20% of its maximum output.

### Eliminates wasted power in low traffic areas when bright light is not required.

Power consumption drops from 18W to 3.5W in standby mode  
Fulfils OH&S requirements for safety and security, as output  
only drops to 20% - not zero.

#### NEW MICROWAVE SENSOR TECHNOLOGY

Normally operates in standby mode, providing  
background light levels at 350 lm.

Sensor will detect the slightest  
movement within approx 8 metres.

Output then brightens to 1500 lm  
for 30 seconds before returning back  
to standby mode, unless further human  
movement is detected.

Light will remain bright for people who stay in  
the area, even if they make only minor movement.



### Applications

Ideal for areas where traffic is infrequent but  
background lighting is still important for safety  
and security.

Carparks, staircases, corridors & walkways.  
Warehouses and distribution centres.  
Basements, washrooms, entrances & exits.



	POWER	OUTPUT
Bright mode	18W	1500 lm
Standby mode	3.5W	350 lm

