

10366 360° Flush-Mount Ceiling Type Microwave Motion Sensor

USAGE AREAS

- At the building entrances, stair vestibules.
- At the long halls within the flats.
- At the places required within the flats.
- At the parking garage.
- At the requisite locations within the hotels.
- At the schools, hospitals and oil filling station.

"OFFERS ENERGY SAVING FEATURE"

GENERAL SECURITY CAUTIONS

- Take of the original package and control if there is any damage of transportation and general view of the product.
- Do not use the product at cross purposes.
- Keep it away from water and moist areas.
- Do not use the product at dusty, dirty and rusty places.
- Do not supply high voltage.
- Do not apply and liquid.
- Protect from any stroke.
- Using 230V~ voltage is so dangerous that only the specialist electricians must install and apply.

CAUTIONS FOR INSTALL AND USAGE

- Installing must be carried out professional in accordance with applicable national wiring and electrical operating conditions.
- Turn off the mains before mounting.
- Do not mount the product near the radiator and moist areas.
- Place the product horizontal to the ceiling.
- Use 10A fuse the supply input.
- Setting can be made 10-15 second after the releasing of the power.
- Time and daylight setting can be made during the day or night.
- Do not change the time and daylight setting abruptly.
- Do not make a second adjustment before you get a result from the first setting of the time and daylight.
- After you determine the right setting of the daylight, you can arrange the time as you need.
- The best result for the daylight setting can be obtained by adjusting the minimum. And that you can find the correct setting for sensitivity incrementally.
- When a cleaning needed for the product, take of carefully and clean with a dry rag.
- Avoid mounting the detector close to objects that can cause rapid temperature changes such as heaters, fans, refrigerators and ovens etc, and prevent the detector from point-blank sunshine.
- If you cause the device operate inaccurately if there is tree, bushes etc. in the coverage area.

SPECIFICATIONS

Operating voltage	230V~ 50/60 Hz
Detection angle	360°
Mounting height	1.5 m - 3.5 m (adjustable)
Detection range	2 m - 10 m (adjustable radius)
Time settings	10sec ~ 3sec / 30min ~ 5min
Lighting load	2000W Incandescent 800W Fluorescent 6 x Max. 58W LED Load C=132 µF
Lux adjustment	10 - 500 lux
Protection class	IP20 Class II
Operating temperature	-20°C ~ +40°C
Power consumption	0.9W
HF Frequency	5.8GHz, ISM Band

SETTING

Distance Setting:

Detection range explain the radius distance on the floor after you install to the ceiling. Switch "1" open, Switch "0" close position.



SENS: S1, S2

S1	S2	Distance	S1	S2	Distance
0	0	2m	1	0	8m
0	1	5m	1	1	10m

Note: The above detection distance is measured using a person who is between 1.6m-1.7m tall with an average build, moving at a speed of 1-1.5m/sec. If any of these variables are changed, the detection distance will also resultantly change.

Time setting:

Time can be set 10sec. to 30min. Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test. Switch to the on is "1", switch to the off is "0"; the corresponding file of switch location and detection distance as follow.

S3	S4	S5	Time	S3	S4	S5	Time
0	0	0	10 sec	1	0	0	15 min
0	0	1	1 min	1	0	1	20 min
0	1	0	5 min	1	1	0	25 min
0	1	1	10 min	1	1	1	30 min

Note: After the light switches OFF, it takes approx. 1 sec. before it is able to start detecting movement again. The light will only switch on in response to movement once this period as elapsed.

Daylight setting:
Switch (1,1,1) max position can work day time and night time. (0,0,0) min position can work if the light is less than 10lux. Other positions are for intermediate values.

S6 S7 S8



LUX: S6, S7, S8

S6	S7	S8	LUX	S6	S7	S8	LUX
0	0	0	24H	1	0	0	100 Lux
0	0	1	10 Lux	1	0	1	200 Lux
0	1	0	20 Lux	1	1	0	300 Lux
0	1	1	50 Lux	1	1	1	500 Lux

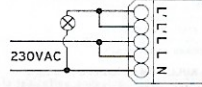
Installation

- Switch off the power
- Use screwdriver to take off top cover from the clips.
- Time, daylight and distance settings are available on the below, when you make the setting close the top cover.
- Please check the below connection wiring diagram for power and load connections.

Wiring connection diagram

Connect N, L with power

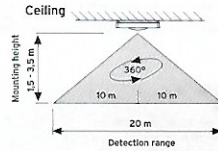
Connect N, L with load



Mounting

- Pull the spring back and place the product to the mounting hole on the ceiling.
- After installation give the power and test the product.

DETECTION AREA



TROUBLESHOOTING

MAINFUNCTION	SOLUTION
The load don't work	<ul style="list-style-type: none"> • Check the power and the load. • Whether the indicator light is turned on after sensing? If yes, please check load. • If the indicator light does not turn on after sensing, please check if the working light corresponds to the ambient light. • Please check if the working voltage corresponds to the power source.
The sensitivity is poor	<ul style="list-style-type: none"> • Please check if in front of the detection window there are hinder that effect to receive the signal. • Please check the ambient temperature • Please check if the signals source is in the detection fields. • Please check the installation height.
The sensor can't shut automatically the load	<ul style="list-style-type: none"> • If there are continual signals in the detection fields • If the time delay is set to the longest • If the power correspond to the instruction • If the air temperature change near the sensor, air condition or central heating etc.

GUARANTY

We will remedy defects caused by material flaws or manufacturing faults. The warranty will be met by repair or replacement at our own discretion. The warranty shall not cover damage to wear parts, damage or defects caused by improper treatment or maintenance. Further consequential damage to other object is excluded. Claims under the warranty will only be accepted if the unit is sent fully assembled and well packed complete with a brief description of the fault, a receipt or invoice (date of purchase and dealer's stamp) to the appropriate Service Center.