



NOTES:

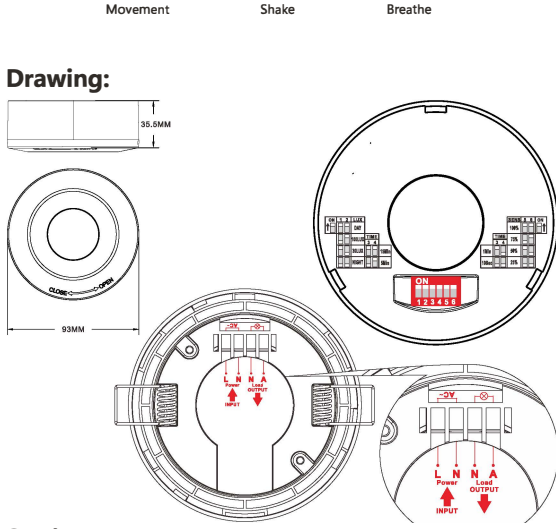
- ※Electrician or experienced human can install it.
- ※The unrest objects can't be regarded the installation basis-face.This item is indoor installation.
- ※Pls used in dry enviroment
- ※In front of the detection window there shouldn't be hinder or unrest objects effecting detection.
- ※Avoid installing it near metal plate ,concrete wall , beam to block out the microwave signal.
- ※Pls far away the glass,wood board ,plasterboard objects which the microwave is easy to penetrate , thus will generate sensor working.
- ※To make sure there are no long time shaking device or moving objects,
- ※The sensor installation should be far away telephone exchange,router wireless device .at least 2m far away in order to avoid wirless interference.
- ※In order to keep sensor accuracy,pls install in moving aera of person and not install in the back of person.
- ※For your safety. Please don't open the case if you find hitch after installation.

Introduction:

This sensor is used 24GHz microwave presence technology,can detect large movement and small movement ,such as hand movement,shake head and fluctuate when breathe.there is a relay to control on and off when there is movement.

SPECIFICATION

Power Sourcing	120V/AC-277V/AC
Power Frequency	50/60Hz
Detection Range	360° Ceiling / 180°Wall
Distance setting	25%,50%.75%,100%
Ambient Light	10LUX/30LUX/100LUX/DAY 24H(Adjustable)
HF System	24GHz
Detection Distance	Max 4-5m (radius) movement signal such as hand moving , shake head. 2-3m (radius) breathe signal.
Time-Delay	10sec/60sec/5min/15min (adjustable)
Transmission Power	<10mW
Installing Height	2.5m~4m
Power Consumption	0.5W
Rated Load	800W (incandescent lamp) 400W (energy-saving lamp)



Setting:

1 Daylight Sensor

ON	2	range	Ambient loght
1	ON	< 10Lux	very dark
2	OFF	30Lux	dark
III	ON	100Lux	slight light
IV	OFF	DAY	whole day

2 Hold Time

ON	3	4	delya time
1	ON	ON	15Min
2	OFF	ON	5Min
III	ON	OFF	1Min
IV	OFF	OFF	10Sec

3 Detection Area

ON	5	6	sensitivity	detect breathe area
1	ON	ON	100%	25m² (5x5m room)
2	OFF	ON	75%	16m² (4x4m room)
III	ON	OFF	50%	4m² (2x2m room)
IV	OFF	OFF	25%	1m² (1x1m room)

NOTE: The detection sensitivity is closely related to the height of the person under test, the moving speed, the installation position of the sensor, whether there is a barrier, and the reflection of metal or glass. The above data is the installation height of 3m, the height of the tester is 165cm, the moving speed is 0.3m/S, the human body is facing the sensor installation point, and the measurement is for reference only. Select the sensitivity based on the onsite installation environment.

Malfunction Diagnosis

Malfunction Phenomenon	Reason	Solution
Sensor spurious triggering or cannotturn off	Sensor can be tested through the glass or wood or nonmetallic substance	Turn down the sensitivity
	Sensor install close to wireless devices	Stay more than 2 meters away from the wireless equipment
	Vibration or buffeting signals in the installation environment	1 Make sure there are no other vibrating devices, fans shaking their head s, curtains swinging 2 Make sure there are no other movement signals in the space suchas vibrating devices, fans shaking their head s, curtains swinging
The sensors can't detect anyone	Installation location beyond the respiratory signal coverage area	Adjust installation position
	The installation position is behind or on the side of the user	Adjust the installation position Install in front of the person
	The microwave signal was blocked by obstacles	Adjust installation position away from obstacles
	Ambient light illumination more then the set LUX of sensor	1 Check the environment f or other luminous objects or lamps 2 Adjust the lux or disable the test funtion of ninght and dark
sensor can not work	The input-output connection is reversed, causing damage	Change a new sensor
	The load exceeds the sensor rated power or load surge current limit	Change a new sensor