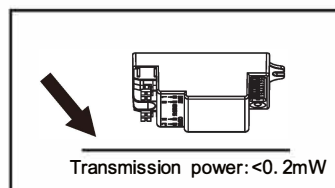


Specifications

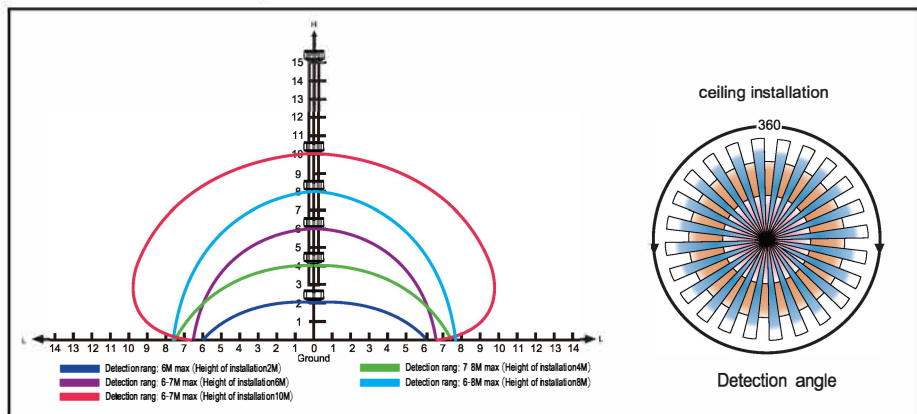
Power source: 220-240V/AC
 Power frequency: 50/60Hz
 Transmission power: <0.2mW
 Power consumption: ≤0.5W
 Rated load:
 800W/4A, Max, tungsten (cosφ=1)
 400W/2A, Max, fluorescent (cosφ=0.5)
 HF system: 5.8GHz CW electric wave, ISM band

Detection range: 10%/50%/75%/100%
 Time setting: 5s/30s/90s/3min/20min/30min
 Light-control: 2lux / 10lux / 25lux / 50lux / Disable
 Mounting height: 6m Max.
 Detection angle: 150° (wall Installation)
 360° (ceiling Installation)
 Working temperature: -20°C~+60°C
 IP rating: IP20

NOTE: The high-frequency output of this sensor is <0.2mW- that is just one 5000th of the transmission power of a mobile phone or the output of a microwave oven.



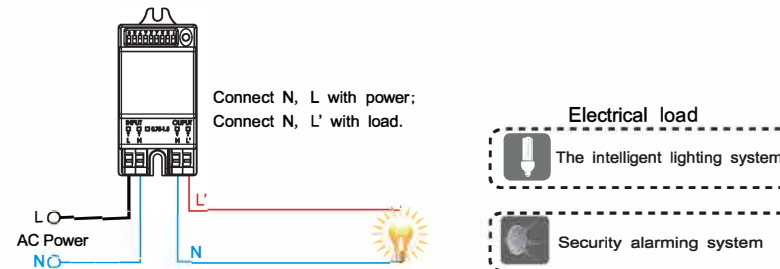
Sensor Information



Utilizing Field And Introduction

LDV MW Sensor is a moving object sensor that can detect range of 360° and its working frequency is 5.8GHz. The advantage of this product is stable working state (stable working temperature: -20°C~+60°C), SK608S adopts a microwave sensor (high-frequency output <0.2mW), so that it is safe and performs better than infrared sensor.

It can be installed inside of product which is made of glass and plastic because microwave can go through them effect to microwave. Connect the product as below: you can change a common light into an automatic light.



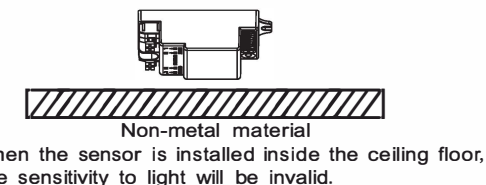
Utilized In Ceiling Light



This product can be utilized in more fields than the above examples. You can also install SK608S alone to act intelligent switch to control other load.

Warning!

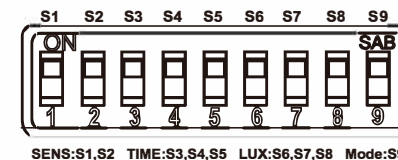
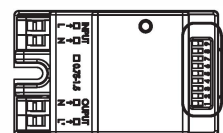
The product can not work normally if there is metal material in front of the installed place.



This product will be faithfully waiting for you. It will turn on the light automatically when you pass by, and turn off the light automatically when you leave off. You can set the closing delay time to meet your needs. For example, you may adjust the TIME sliding controller to select the delay time 5sec~30min when you think you will come back in 30mins. The TIME sliding controller is as follow (Keep away from the detecting zone after adjusting the testing time or that the detecting time will be inaccurate when any moving object is detected again by the product).

Parameter Setting

Shown as chart below: By setting the S1, S2 to set the detection area of products, by setting S3, S4, S5 to set the hold time of products, by setting the S6, S7, S8 to set the daylight sensor of products, by setting the S9 to set the Mode.

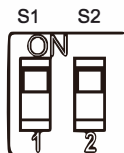


■ Microwave Sensor

By selecting the combination on the DIP switch, sensor data can be precisely set for each specific application.

Detection Area

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application.



SENS: S1,S2

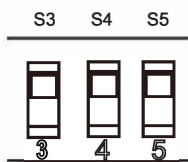
ON ↑		1	2	
I	ON	ON		100%
II	-	ON		75%
III	ON	-		50%
IV	-	-		10%

Note: the above detection range is gained if the detected person is between 1.6m~1.7m tall with middle figure and moves at a speed of 1.0~1.5m/sec. if person's stature, figure and moving speed change, the detection distance will also change.

ATTENTION: When use this product, please adjust the sensitivity to an appropriate position you need, please do not adjust the sensitivity to maximum, in case the product works abnormally because of wrong motion detection, including blowing leaves & curtains, small animals, or even power grid & electrical equipment. All the above factors can lead to abnormal work. When the product does not work normally, please try to lower the sensitivity appropriately, and then test it.

Hold Time

Refers to the time period the lamp remains at 100% illumination after no motion detected.



TIME: S3,S4,S5

ON ↑		3	4	5	
I	ON	ON	ON		5s
II	-	ON	ON		30s
III	ON	-	ON		90s
IV	-	-	ON		3min
V	ON	ON	-		20min
VI	-	-	-		30min

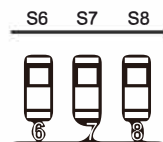
NOTE: after the light switches OFF, it takes approx. 2sec before it is able to start detecting movement again. The light will only switch on in response to movement once this period has elapsed.

Daylight Sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold.

When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level. 50lux, 30lux: twilight operation, 10lux, 2lux: darkness operation only.

■ Microwave Sensor



LUX: S6,S7,S8

		6	7	8	
ON ↑	I	ON	ON	ON	2lux
	II	ON	ON	-	10lux
	III	-	ON	-	25lux
	IV	ON	-	-	50lux
	V	-	-	-	Disable

Mode

When set to "Constant ON", the microwave sensor function is inactive, lights turn on or off by switch.

When set to Sensor, the microwave sensor function is active.



Mode: S9

		9	
ON ↑	I	ON	Constant ON
	II	-	Sensor

! Warning! The following situation will lead to misoperation

1. Being installed in the rocking object will lead to misoperation.
2. The shaking curtain which is blown by wind will lead to misoperation, please select the suitable installed place.
3. Being installed in the place where the traffic is busy will lead to misoperation.
4. It will lead to misoperation when there are sparks produced by some equipment nearby.

Troubleshooting

Malfunction	Cause	Remedy
The load will not work	• wrong light-control setting selected	• Adjust setting
	• load faulty	• Change load
	• mains switch OFF	• Switch ON
The load work always	• continuous movement in the detection zone	• check zone setting
The load work without any identifiable movement	• the sensor not mounted for detecting movement reliably	• securely mount enclosure
	• movement occurred, but not identified by the sensor (movement behind wall, movement of a small object in immediate lamp vicinity etc.)	• Check zone setting
The load will not work despite movement	• rapid movements are being suppressed to minimize malfunctioning or the detection zone you have set is too small	• Check zone setting