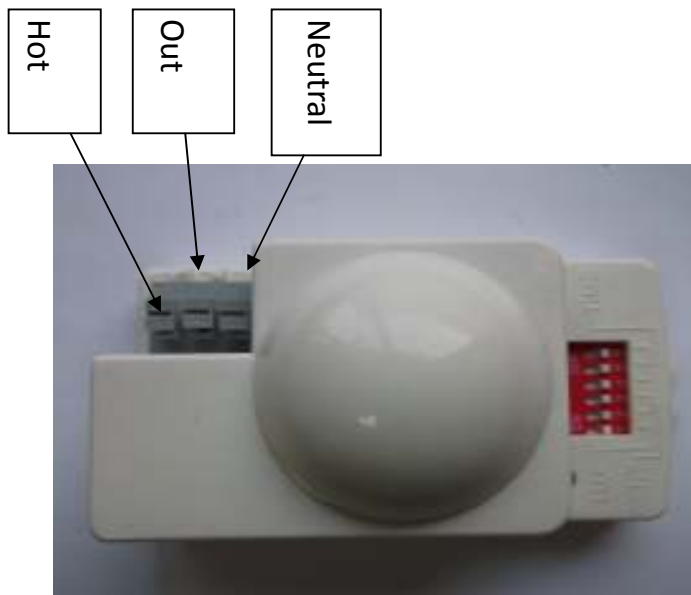


5.8Ghz Doppler Sensor User Manual			
Operating voltage	120-277 VAC/60HZ	Maximum load	Incandescent:277VAC 1200W 4.3A 120VAC 800w 6.7A
Operating Temperature	-5°C~+45°C		Fluorescent:277VAC 600w 2.2A 120VAC 400w 3.4A
Standby consumption	<0.9w	Duration time	MIN : 5S ; MAX : 30M
Light control level	2LUX—2000LUX	Setting height	Wall mounting 1.5-3M height Ceiling mounting 3-4M height
Detection angle	wall mounting 180° ceiling mounting360°	Level of IP	Indoor use
WARM UP TIME	About 20s,then go into auto mode after the light off		
Adjustabl detection range	wall mounting: 2-12M ceiling mounting: radius 2-7M		

## CONNECTION



## DIP Switch FUNCTION

	Lux	1	sense	2	3	time	4	5	6
On=1	Daylight	0	5-7M	0	0	5s(test)	0	0	0
	Night	1	4-6M	0	1	30s	0	0	1
			2-4M	1	0	1m	0	1	0
			1-2M	1	1	3m	0	1	1
Off=0						5m	1	0	0
						10m	1	0	1
						20m	1	1	0
						30m	1	1	1

## 5.8G microwave sensor test method

**Test mode:** turn sensitivity knob to MAX, turn time knob to MIN, turn LUX knob to Sun (work at daylight);

**Steps:**

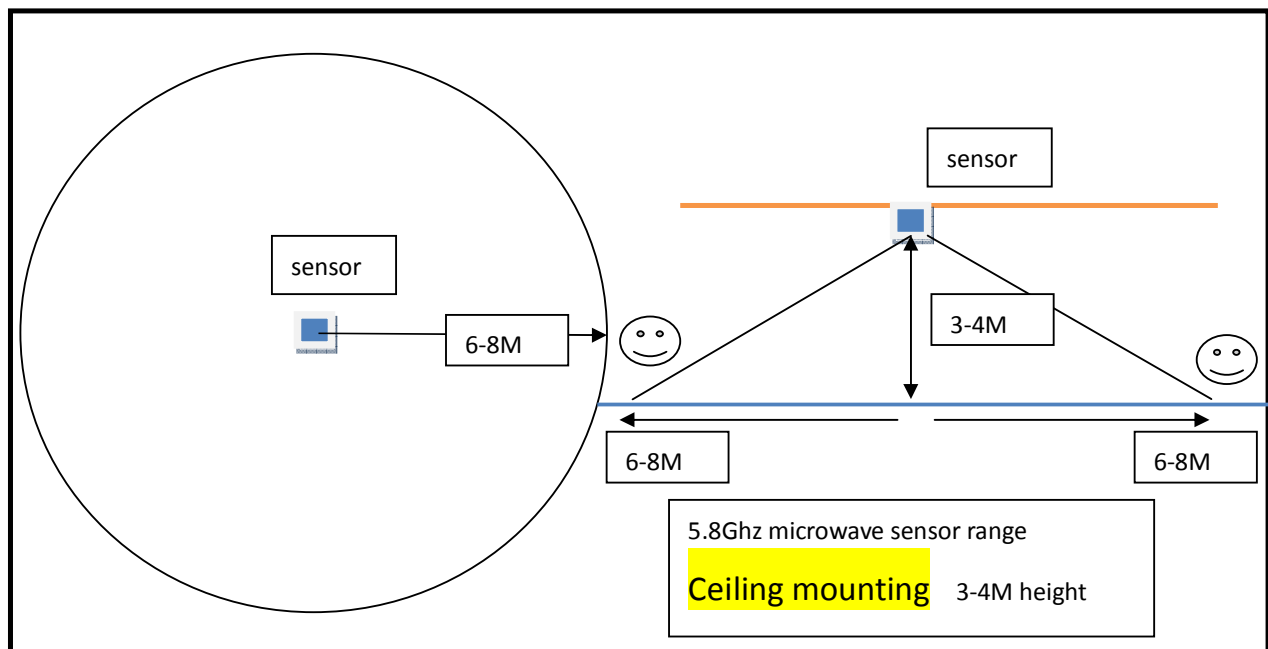
1. Put the sensor on wall at 1.5-3M height or on ceiling 3~4M height. Black wire connect to Hot ,white wire connect to Neutral ,Load connect between Out and Neutral.
2. confirm 120-277VAC; than power on and light on;
3. The light off automatically and go into auto mode, after power on about 20s.Than you can start test.
4. When someone walk across or turn around at proper distance in front of the sensor,no matter it is transverse or longitudinal motion,the light will turn on.When the motion stops,the light will turn off after duration time 5 seconds.(Locate sensor testing area away from moving objects such as flapped curtain by wind).The data as sensitivity,detected distance/angle can be measured in this testing.If the sensitivity is too high,it can be adjusted by DIP switch and reduce the sensitivity.The sensitivity setting can be from 1.5 m to 7 m (radius)for ceilling mounting.

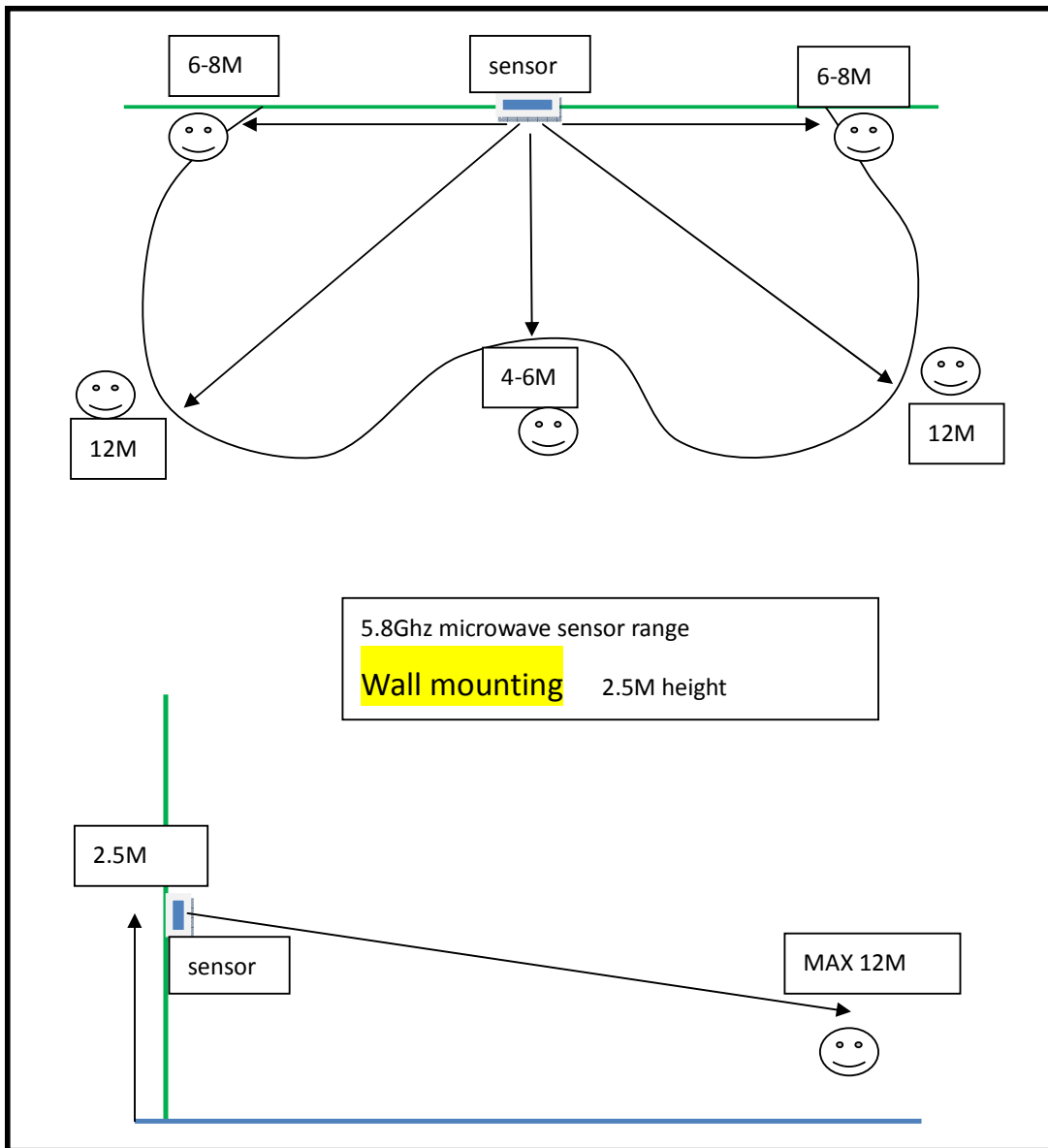
**User mode:** select sensitivity ,time, lux you need.

**Steps:**

1. Repeat 1,2,3, steps above.
2. When someone walk across or turn around at proper distance in front of the sensor,no matter it is transverse or longitudinal motion,the light will turn on.The light will turn off in preset time after motion stops.
3. If there is a motion during light on,the time seting will be restart as your seting.

## DETECTION RANGE DRAFT





This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Any changes or modification cautions to this device not explicitly approved by manufacturer could void your authority to operate this equipment.