

# Shenzhen Haiwang Sensor Co., Ltd.

## HW-M21 Module SPECIFICATION

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### Specifications:

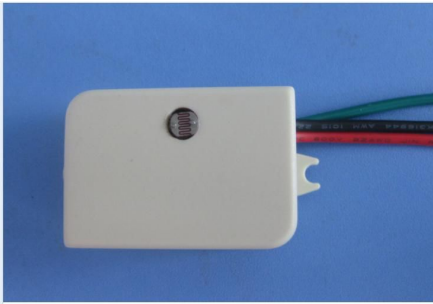
HW - M21 microwave induction module adopts the planar antenna transmitting and receiving. Induction object for moving objects (or car), after induction to the output voltage signal, for active microwave induction, induction Angle of  $180 \times 180^\circ$ , former hemisphere.

Widely used in security monitoring, intelligent systems, control of lamps and lanterns, automatic doors, garage, corridor, roads, etc. Welcome to negotiate!

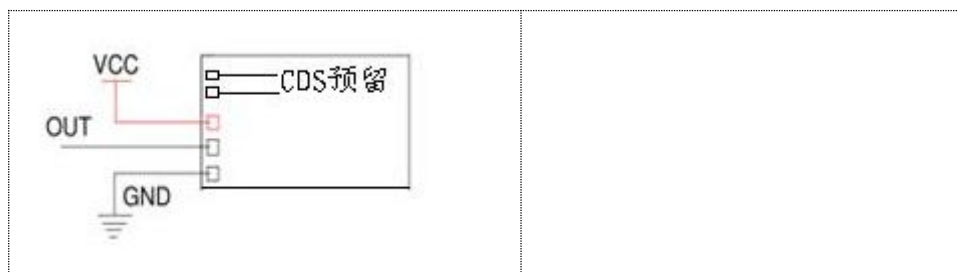
### Features:

- 1.Is not affected by temperature, humidity, air flow, such as dust, noise, light and dark, strong anti-jamming capability.
2. microwave module is a pattern to launch out, no dead Angle blind area, wide coverage.
3. microwave is reflected more easily in the process of transmission, sensitivity inside will be better, outdoor is a bit poor.
- 4.can signal through the glass, obstacles such as trees, plastic (this will make the induction distance less)
5. professional design planar microstrip antenna, low power consumption, ROHS, high product consistency.

**HW-M21 Parameter:**

	Frequency	10.525GHZ
	Input voltage	185-265V
	Output voltage	185-265V
	Current	20mA
	Distance	8m(default).5m.10m.15m.20m
	delay time	45s(default)1—1000S
	Size	20*25*36mm

**Wiring diagram:**



**Warm note:**

Power	AC 220V
False Action	<ol style="list-style-type: none"> <li>1.Pay attention to the power supply related requirements, refer to the first one .</li> <li>2. If anybody there about 1m distance from the module.</li> <li>3.You shall test the module after 10seconds.</li> <li>4 It is very sensitive if test indoor. People need stay far away.Test it when no signal output</li> <li>5 current is very weak when test.Too much current is easy to cause false positives.</li> </ol>
Delay time	Default one is 45S, Repeat trigger way
Abs cover	Can custom as client's request

**About Haiwang:**

Haiwang Sensor Company specialize in the human detecting items for more than 10 years.We can offer infrared module,infrared lens,microwave module and so on.We can provide OEM support.It is widely used in the led lamps, security area and advertising media area.

We do have a professional R&D team to provide technical support and guidance. Can custom the module as your request.We do have professional testing equipment, production, inbound, outbound, after three times inspection, to ensure product quality. Please look for our brand "HW".