






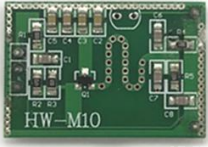
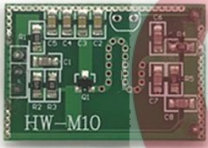




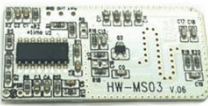
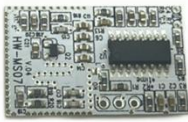





Sensor Module Catalogue

Picture	Model	Sensor Object	Input Voltage	Output Signal	Signal Delay	Sensing Distance	Angle	Size	Unit Price
	HW8002	Moving human	3.7-24V	3V/0v	Adjustable	0.5m-10m	120°	32*24*7mm	\$1.5
	HW8003	Moving human	3.7-24V	3V/0v	Adjustable	0.5m-10m	120°	40*24*7mm	\$1.5
	HW1004	Moving human	3.7-20V	3V/0v	2s	5、8、10m	120°	10*8*7mm	\$1.2
	HW1005	Moving human	3.7-20V	3V/0v	2s	5、8、10m	120°	10*8*7mm	\$1.3
	HW8090	Moving human	24-30V	Switch signal	2s	8m	120°	90*43*33mm	\$2.2
	HW-IR02	Moving human	3.7-24V	3V/0v	2s	0.5m-10m	120°	40*15*7mm	\$1.5
	HW-IR05	obstacle	6-12V	5V/0v	2s	2-10cm	30°	33*18*8mm	\$1.5

Picture	Model	Sensor Object	Input Voltage	Output Signal	Signal Delay	Sensing Distance	Angle	Size	Unit Price
	HW-M10	Moving object	6-24V	5V/0v	30s	10m	360°	30*20*7mm	\$1.5
	HW-M10-2	Moving object	3.7-24V	3V/0v	2S	10m	360°	30*20*7mm	\$1.5
	HW-M10-1	Moving object	6-24V	Switch signal	30s	10m	360°	30*20*7mm	\$1.5
	HW-M09	Moving object	6-24V	5V/0v	30s	10m	360°	23*22*7mm	\$1.5
	HW-M09S	Moving object	6-24V	5V/0v	30s	3-5-10m 3 choice adjustable	360°	23*22*7mm	\$1.5
	HW-M09-2	Moving object	3.7-24V	3V/0v	2s	10m	360°	23*22*7mm	\$1.5
	HW-MS01	Moving object	6-26V 26-60	Switch signal	Adjustable	Adjustable	360°	50*26*2mm	\$2
	HW-MS03	Moving object	3.7-24V	3V/0v	2s	10m	360°	40*20*7mm	\$1.2
	HW-MS07	Moving object	3.7-24V	3V/0v	2s	1m	360°	40*20*7mm	\$1.2

Picture	Model	Sensor Object	Input Voltage	Output Signal	Signal Delay	Sensing Distance	Angle	Size	Unit Price
	HW-N9MW	Moving object	3.7-20V	3V/0v	2S	10m	360°	22*22*7mm	\$1.5
	HW-MD6	Moving object	3.7-20V	3V/0v	2S	10m	360°	19*18*7mm	\$1.5
	HW-M21	Moving object	180-250 V	Switch signal	30S	8m	360°	40*29*22mm	\$2.5

SKYTECH
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The difference between infrared and microwave sensor

Item	PIR sensor	Microwave sensor	Note
Sensor object	Moving human or warm-blooded animals	Moving object	
Installation method	The lens needs to be exposed and cannot be blocked by any object.	Installed inside the product, it can penetrate the housing. Except metal material.	Need to be installed on a stationary object.
Ambient temperature	When the ambient temperature and the product temperature reach above 36°C, the sensing distance will decrease by about 30%.	no effect	Operating temperature -20-+70°C
Induction direction	Transverse sensor sensitivity is good. Moves directly toward or away from the sensor, the sensitivity is slightly worse	no effect	Based on sensing surface
Strain factor	1 hot and cold air convection, wind. 2 power fluctuations 3 Electromagnetic, high frequency signals	1 multiple microwave modules in the induction area 2 power fluctuations 3electromagnetic high frequency signal	
Induction angle	Determined by the lens, default 120°	Small space 360°, Large space: 135°	
Working power	Less than 50UA, available battery.	3MA, need to use power.	
Installation Environment	1 Indoor: Avoid installing near window openings, air conditioning vents, vents, and heat sources. 2 Outdoor: Try to prevent rain and direct sunlight.	1 Indoor: Avoid installation near high frequency, electromagnetic and vibration objects 2 Outdoor: In an open area, the distance will be attenuated.	