

# MICROWAVE SENSOR



## Product application

Can be used in all kind of automatic door as induction function, high sensitivity induction, quick and accurate response, strong anti-interference, fully used in commercial industry and automatic control and other demanding fields.

## Overall characteristics

- ▶ Adopt intelligent optimized detection circuit, which greatly improved the sensitivity and stability of inductive detection.
- ▶ Flexible antenna adjustment mode for X-Y axis ensures accurate regional induction adjustment.  
Imported 24.125GHz microwave sensing module, not affected by temperature and humidity and other environmental factors, the performance is extremely reliable.



## Technical parameter

Technology: Microwave & Microwave processor  
Transmit frequency: 24.125GHz  
Transmit voltage: <20dbm EIRP  
Transmit frequency density: <5mW/cm<sup>2</sup>  
Max installation height: 3 meters  
Installation inclination: 0~90(Vertical) -30~+30(Horizontal)  
Detection mode: Movement  
Min detection speed: 5cm/s  
Power consumption: <2W (VA)  
Detection range(install height=2.2m): 3.5m(W) x 2M(D)  
Relay output(no initial potential): COM NO  
Max connect voltage: AC 42V-DC 60V  
Max connect current: 1A  
Max switching power: DC 30W/AC 60VA  
Holding time: 0.5 Seconds  
Cable length: 2.5 meters  
Temperature range: -20°C ~ +55°C  
Protection level: IP54  
Shell material: ABS  
Shell color: Silver grey  
Anti-interference: R&TTE 1995/5/EC, EMC 89/365/EEC  
Power supply: AC 12-24V ±10% (50-60Hz)  
External dimension: 120(W)x80(H)x50(D)mm