

Microwave Motion Sensor For Automatic Door Opener

- > Voltage: AC/DC12V~24V
- > Detection mode: Movement
- > Dimensions: 115x73mm

Brand: S4A

Item NO.: M-204T



What is a Microwave Motion Sensor?

A microwave motion sensor uses electromagnetic radiation. It emits waves that are then reflected back to the receiver. The receiver analyzes the waves that are bounced back. If there is an object moving in the room, these waves are going to be altered. The microwave detector is able to identify changes from moment to moment. Ideally, the receiver should be receiving the same waves back again and again.

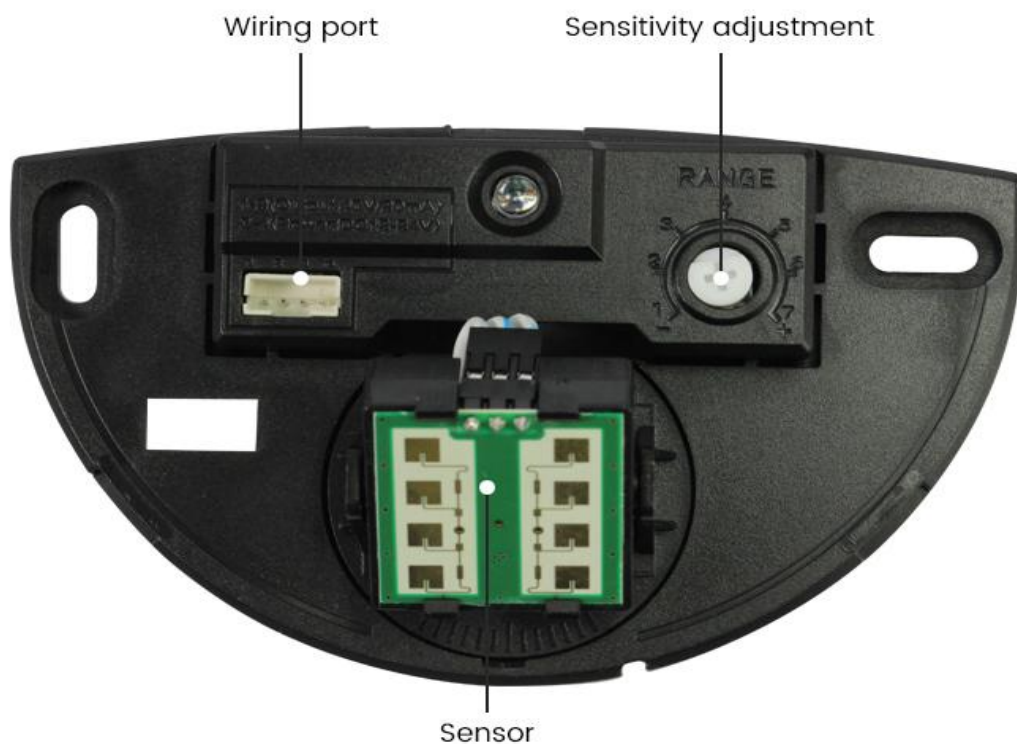
Because of the way that microwave motion sensors work, they can be either more sensitive or less sensitive.

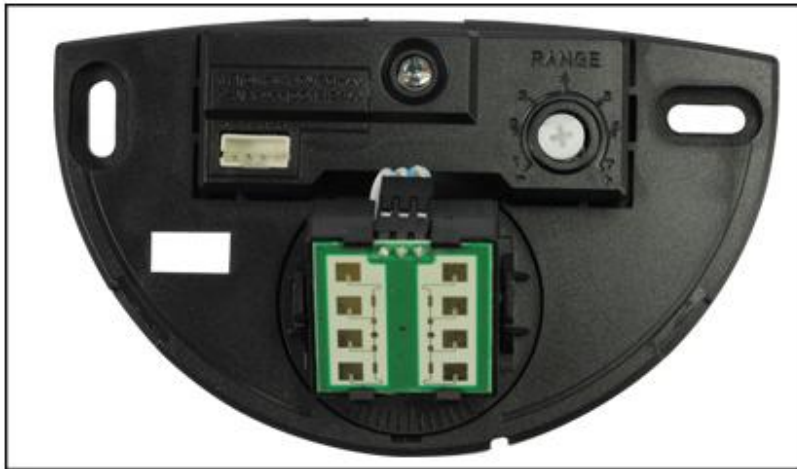
They can identify every minute changes (a totally empty house) or be calibrated to require larger-scale movement (to avoid false positives).

voltage	AC/DC12V~24V ±10% (50~60Hz)
Power dissipation	<2W (VA)
Launch power	<20 dBm EIRP
Launch frequency density	< 5mW/cm ²
Installation height	3~4M
Assemble a dip angle	15°, 30°, 45°, 60°
Detection mode	Movement
The maximum checks range	4x2m (WxH) (while assembling 2.2 meters of altitude)
Detection speed	5cm/s (Along the longitudinal axis of air wire)
Dimensions	115x73mm

MICROWAVE SENSOR

Suitable for Automatic Swing Door Operator





1. SMART CIRCUIT

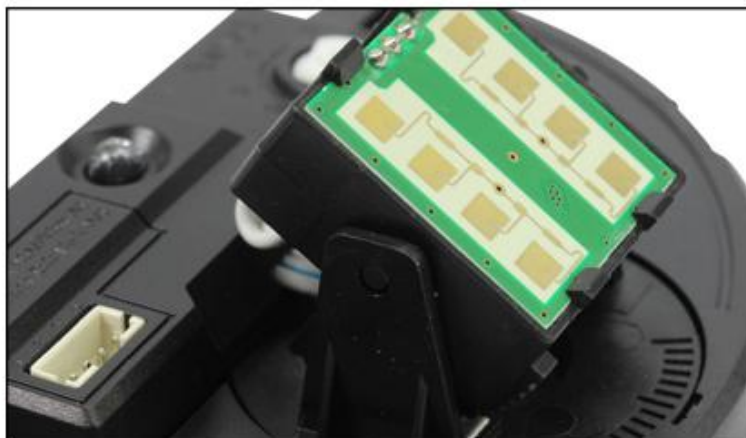
24G module, adjustable sensing angle



2. SENSITIVITY

Adjust sensitivity and height mode

Can adapt to multiple background environments



3. WALL DESIGN

4-core interface, suitable for 12V-24V power input