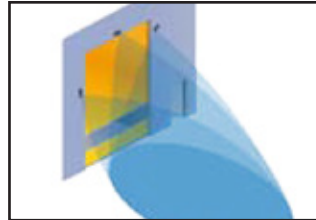




MICROWAVE MOTION SENSOR SPARROW FOR INDUSTRIAL DOORS

PERFORMANCE

- Detection of both people and vehicles
- Unidirectional detection helps reduce a door's hold open time and helps improve energy conservation
- A total of 10 available detection areas offer an area from 3 ft (D) × 6 ft (L) – 20 ft (D) × 33 ft (L)
- Great product flexibility with a rotating angle from -180° to +180°



APPLICATION

- Any industrial door where motion activation is required

EASE OF INSTALLATION

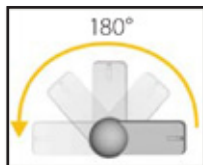
- Simple installation (screwless terminal block)

DESIGNED FOR INDUSTRIAL ENVIRONMENTS

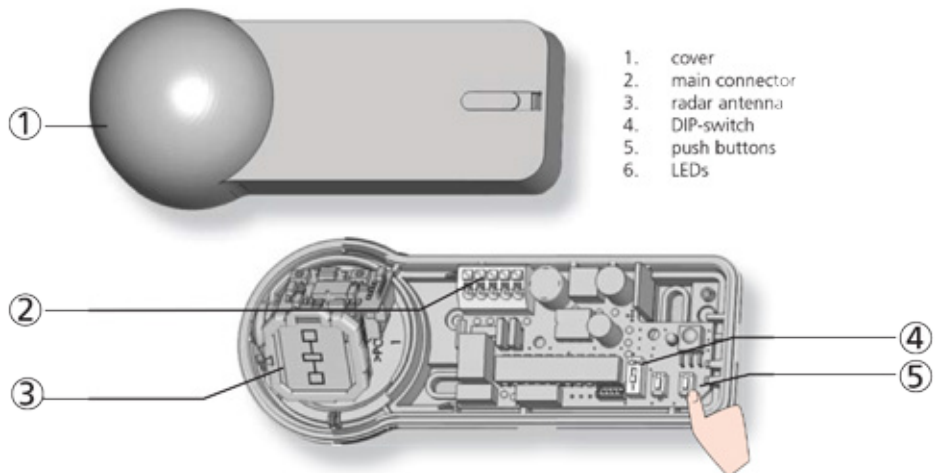
- Rotating positioning: -180° to +180° in reference with the mounting central axis
- Maximum mounting height of 20 ft
- Parameter adjustment with remote control or push buttons
- Adaptation to industrial environment (IP64)

Flexible Mounting Positions

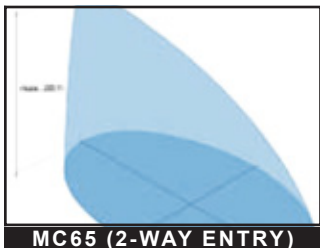
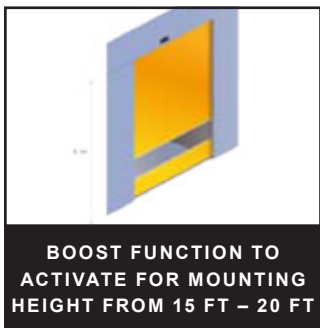
The SPARROW is aimed to detect people and vehicles approaching the door. Its unidirectional detection mode allows the sensor to optimize the door operation.



The sensor can be installed in various positions. Always verify the antenna position.



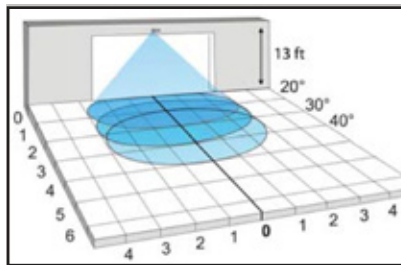
1. cover
2. main connector
3. radar antenna
4. DIP-switch
5. push buttons
6. LEDs



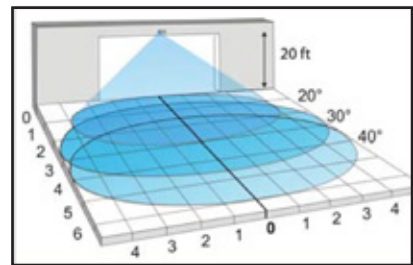
PRODUCT DETAILS & TECHNICAL SPECIFICATIONS

Technology:	microwave
Transmitter frequency:	24.150 GHz
Transmitter radiated power:	< 20 dBm EIRP
Transmitter power density:	< 5 mW/cm ²
Detection mode:	motion
Min. detection speed:	2 in/s (measured in the sensor axis)
Supply voltage:	12V to 24V AC ±10%; 12V to 24V DC +30% / -10%
Mains frequency:	50 to 60 Hz
Max power consumption:	< 2 W
Output:	relay (free of potential change-over contact)
Max. contact voltage:	42V AC - 60V DC
Max. contact current:	1A (resistive)
Max. switching power:	30W (DC) / 60VA (AC)
Mounting height:	6.5 ft to 20 ft
Degree of protection:	IP64
Temperature range:	-22 °F to + 140 °F
Dimensions:	5.51 in (L) x 2.17 in (H) x 2.25 in (W)
Tilt angles:	0° to 90° vertical; -120° to +120° lateral
Material:	ABS
Weight:	5.8 oz
Cable length:	30 ft
Norm conformity:	R&TTE 1999/5/EC; EMC 2004/108/EC

DETECTION FIELD



Mounting height: 13 ft Boost function: OFF
Factory values



Mounting height: 20 ft Boost function: ON
Factory values

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