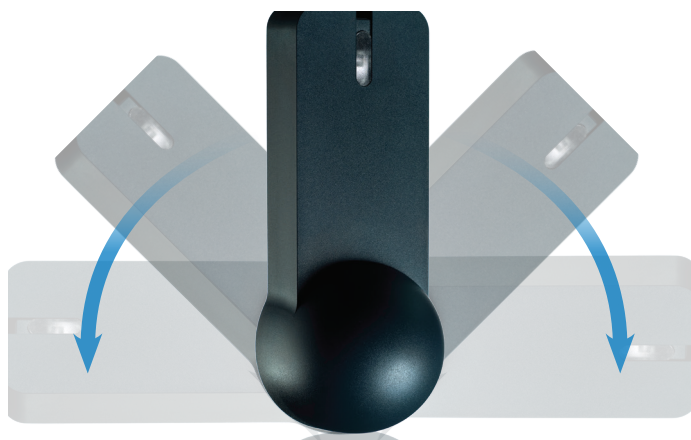
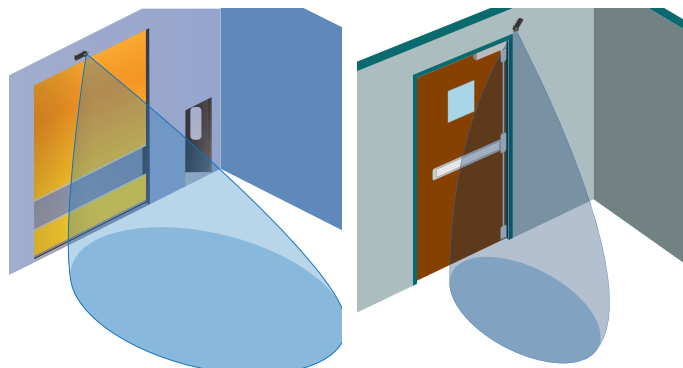


SPARROW

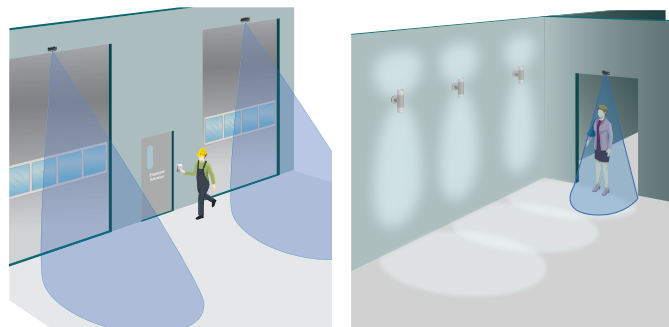
VARIABLE MOUNT INDUSTRIAL MOTION SENSOR



PRIMARY APPLICATIONS



Designed For Large Industrial
and Request To Exit Applications



DESCRIPTION

BEA's SPARROW is a highly flexible motion sensor designed to detect people and vehicles in a variety of industrial, security and pedestrian applications.

The SPARROW's adjustable microwave antenna can be rotated ± 120 degrees to create different sensing fields, capable of detecting bi-directional traffic (two way), unidirectional (approach only) and unidirectional away (departure only).

The SPARROW is designed to operate in industrial or harsh environments. It is ideal for motion detection applications including vehicle sensing, access control and warning indication.

FEATURES & BENEFITS

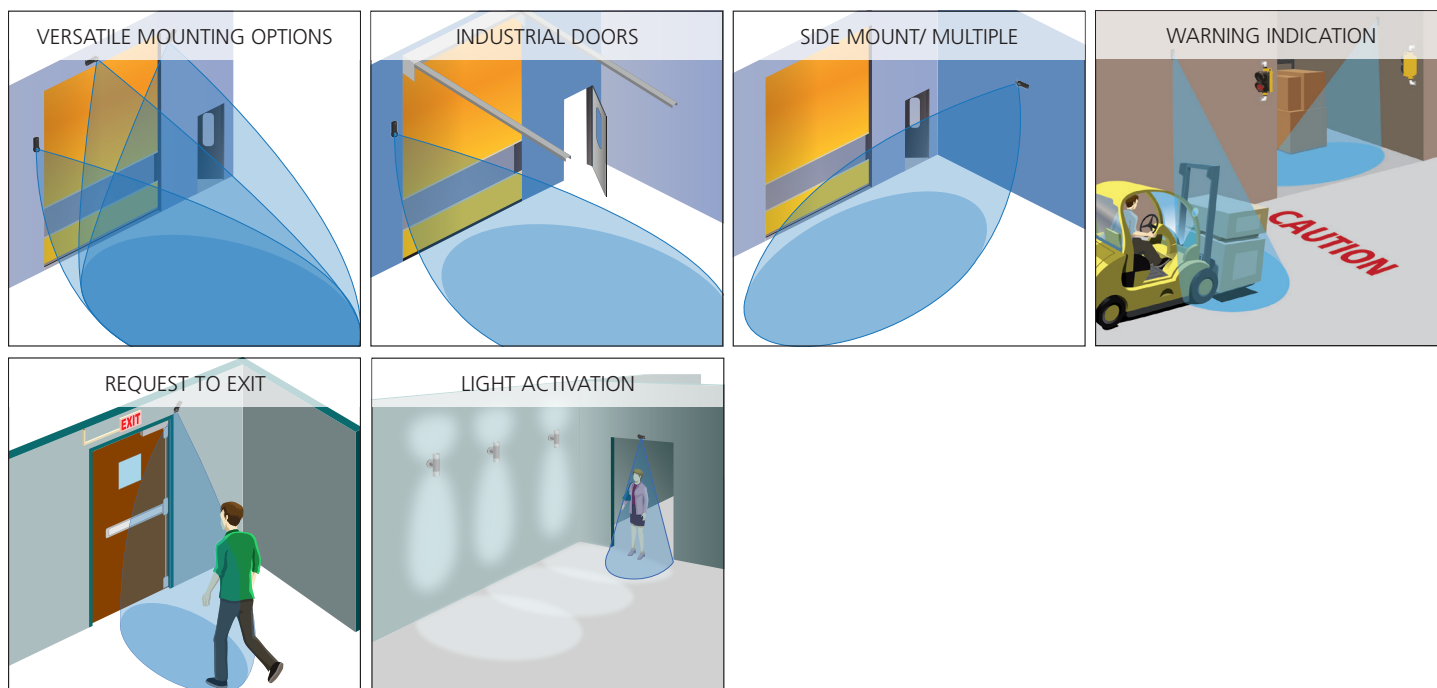
- Mounting height from 78 in – 240 in (6.5 ft – 20 ft)
- Ten sensor sensitivity settings can be applied to optimize detection
- IP64 rated enclosure for industrial and harsh environments
- Immunity settings can be adjusted to reduce unwanted detections caused by rain, snow and header vibrations



BEA, Inc.
RIDC Park West
100 Enterprise Drive
Pittsburgh, PA 15275-1213

Customer Service: 800.523.2462
Technical Support: 800.407.4545
www.BEAinc.com

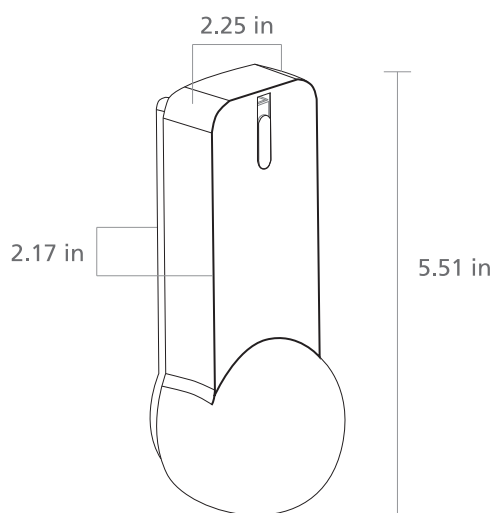
APPLICATIONS



TECHNICAL SPECIFICATIONS

Technology	Microwave Doppler Radar
Transmitter Frequency	24.150 GHz
Transmitter Radiated Power	< 20 dBm EIRP
Transmitter Power Density	< 5 mW / cm ²
Detection Mode	Motion
Tilt Angle	0° – 90° vertical; –120° – 120° lateral
Output	Relay (free of potential change-over contact)
Max. Contact Voltage	42 VAC – 60 VDC
Max. Contact Current	1 A (resistive)
Max. Switching Power	30 W (DC) / 60 VA (AC)
Minimum Detection Speed	2 in / s (measured in the sensor axis)
Frequency	50 – 60 Hz
Supply Voltage	12 – 24 VAC ±10% 12 – 24 VDC 30% / –10%
Maximum Power Consumption	< 2 W
Mounting Height	78 in – 240 in (6.5 ft – 20 ft)
Dimensions	2.25 in (W) × 5.51 in (H) × 2.17 in (D)
Material	ABS
Color	Black
Weight	5.8 oz
Cable Length	360 in (30 ft)
Temperature Range	–22 °F – 140 °F
Degree of Protection	IP64
Norm Conformance	R&TTE 1999 / 5 / EC; EMC 2004 / 108 / EC

DIMENSIONAL DRAWINGS



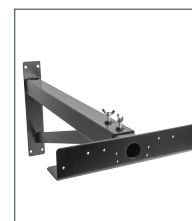
RELATED PRODUCTS



10SPARROW
VARIABLE MOUNT
MOTION SENSOR



10REMOTE
BEA UNIVERSAL
REMOTE CONTROL



10INDBRACKET
INDUSTRIAL
EXTENSION BRACKET

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