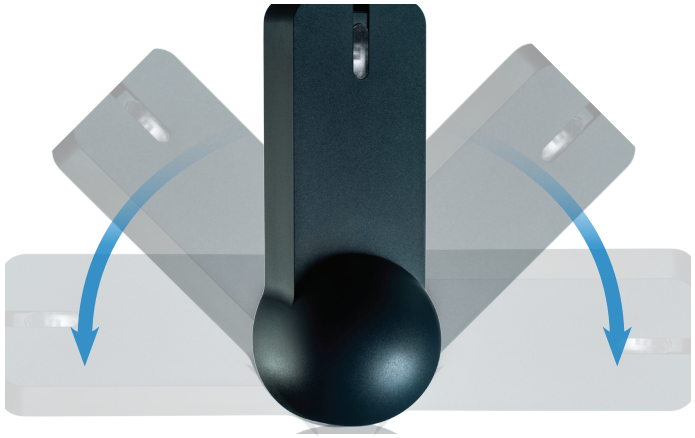
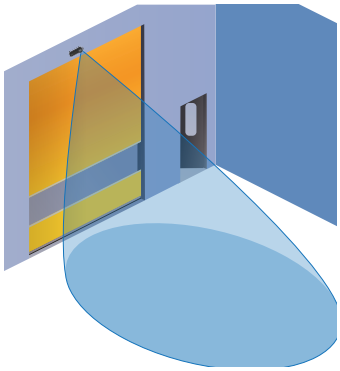
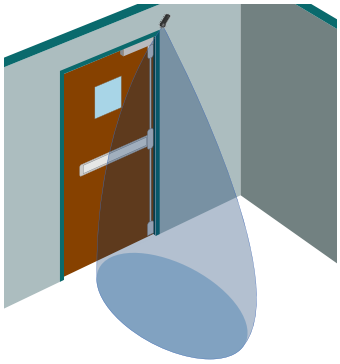
SPARROW

VARIABLE MOUNT MOTION SENSOR

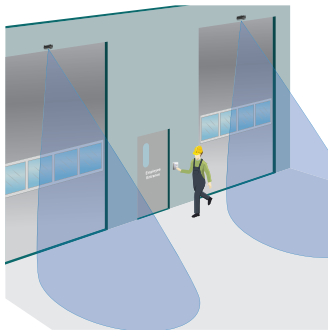


PRIMARY APPLICATIONS





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 180 degrees to create different sensing fields, capable of detecting bi-directional traffic (two way), unidirectional (approach only) and unidirectional (departure only).

The Sparrow is designed to operate in industrial or harsh environments. It is ideal for motion detection, vehicle-flow management, security or worker automation applications in Industrial settings. Additionally, the Sparrow can be used to detect any movement at the base of escalators, moving sidewalks or similar conveyor systems.

FEATURES & BENEFITS

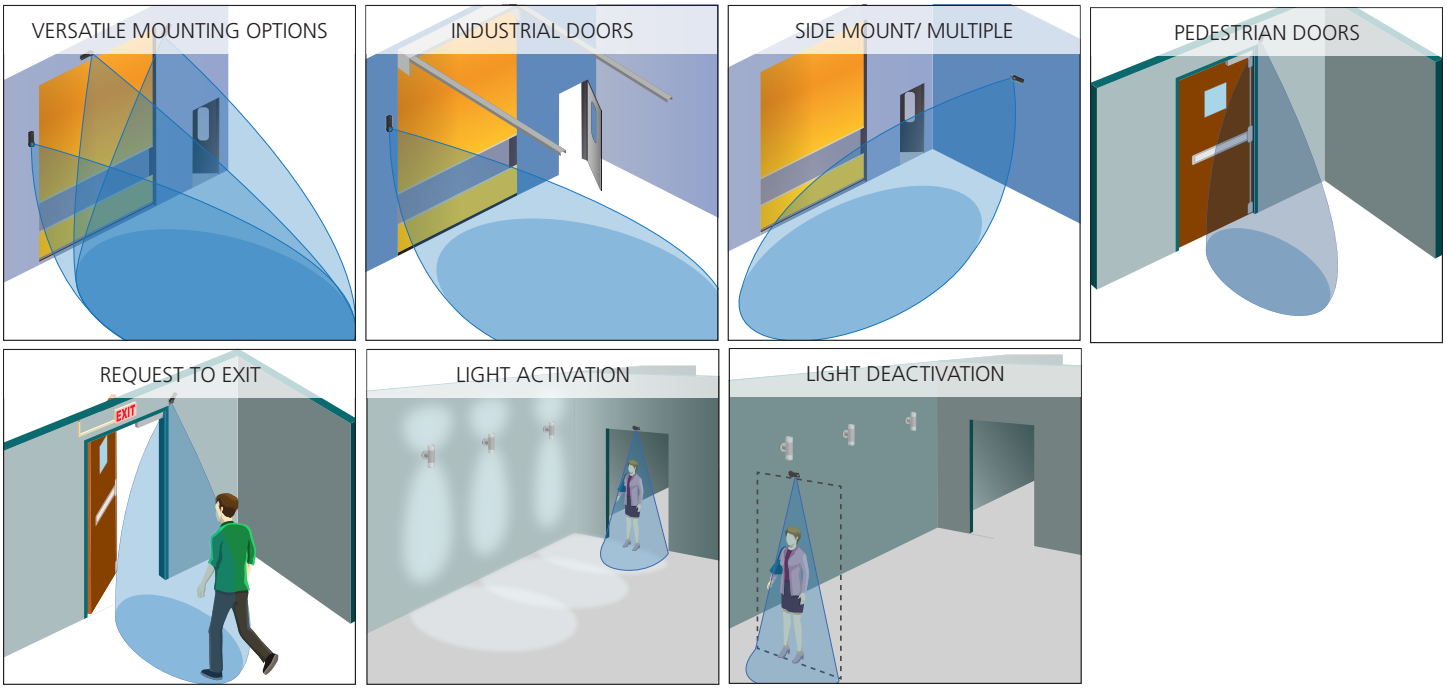
- Adjustable detection zones to a maximum of 240 in x 360 in (20 ft x 30 ft)
- Mounting height from 78 in to 240 in (6.5 ft to 20 ft)
- Ten sensor sensitivity settings can be applied to optimize detection
- IP64 rated enclosure for industrial and harsh environments
- Immunity settings can be adjusted to achieve various motion detection outcomes

BEA
A HALMA COMPANY

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

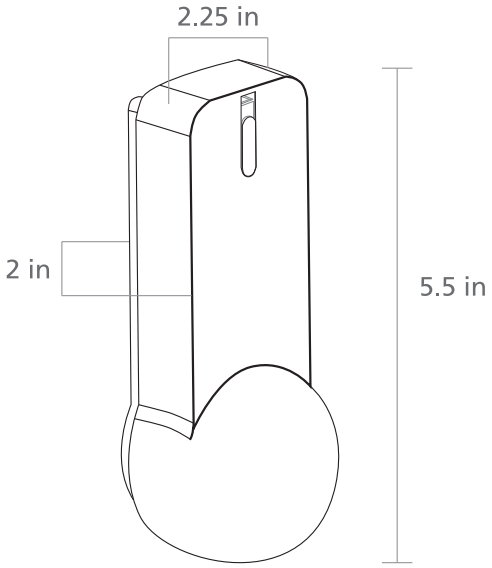
APPLICATIONS



TECHNICAL SPECIFICATIONS

Technology	Microwave Doppler Radar
Transmitter frequency	24.150 GHz
Transmitter radiated power	< 20 dBm EIRP
Transmitter power density	< 5 mW/cm²
Detection Mode	Motion
Antenna Adjustment	0° to 90° vertical; -120° to +120° swivel
Enclosure Mounting	-180° to +180°
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)
Minimum Detection Speed	2 in/s (measured in the sensor axis)
LED Signal	Blue
Frequency	50 to 60 Hz
Supply Voltage	12V to 24V AC ±10% 12V to 24V DC +30% / -10%
Maximum Power Consumption	< 2 W
Mounting Height	78 in to 240 in (6.5 ft to 20 ft)
Dimensions	5.5 in × 2 in × 2.25 in
Material	ABS Plastic and acrylic
Color	Black
Weight	5.8 oz
Cable Length	360 in (30 ft)
Temperature Range	-22° F to +140° F
Degree of Protection	IP64
Norm Conformance	R&TTE 1999/5/EC; EMC 2004/108/EC

DIMENSIONAL DRAWINGS



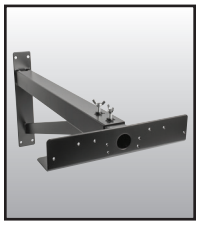
RELATED PRODUCTS



10SPARROW
VARIABLE MOUNT
MOTION SENSOR



10REMOTE
BEA UNIVERSAL
REMOTE CONTROL



10INDBRACKET
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BEA, Inc.
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100 Enterprise Drive
Pittsburgh, PA 15275-1213

Customer Service: 800.523.2462
Technical Support: 800.407.4545

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