

SPARROW

VARIABLE MOUNT INDUSTRIAL MOTION SENSOR



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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.







Flexible Mounting

Mounting height from 6 1/2 feet to 20 feet

Adjustable For Optimal Detection

Ten sensor sensitivity settings can be applied to optimize detection

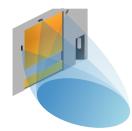
Weather Resistant

IP64 rated enclosure for industrial and harsh environments

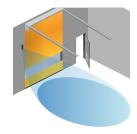
Customizable Settings

Immunity settings can be adjusted to reduce unwanted detections caused by rain, snow and header vibrations

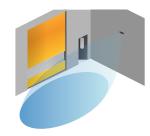
APPLICATIONS



Versatile Mounting Options



Industrial Doors



Side Mount / Multiple



Warning Indication



Request To Exit



Light Activation

TECHNICAL SPECIFICATIONS

Technology Transmitter Frequency Transmitter Radiated Power Transmitter Power Density Detection Mode	Microwave Doppler Radar 24.150 GHz < 20 dBm EIRP < 5 mW / cm ²
Tilt Angle	0 – 90° vertical; -120 – 120° lateral
Output Max. Contact Voltage Max. Contact Current Max. Switching Power	Relay (free of potential change-over contact) 42 VAC – 60 VDC 1 A (resistive) 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	6½ – 20′
Dimensions	5½" (L) × 2¼" (H) × 2½" (W)
Material	ABS
Color	Black
Weight	5.8 oz
Cable Length	30'
Temperature Range	-22 – 140 °F
Degree of Protection	IP64
Norm Conformity	R&TTE 1999 / 5 / EC; EMC 2004 / 108 / EC

PRODUCT SERIES



Variable mount motion sensor



10REMOTEBEA universal remote control



10INDBRACKET Industrial extension bracket

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