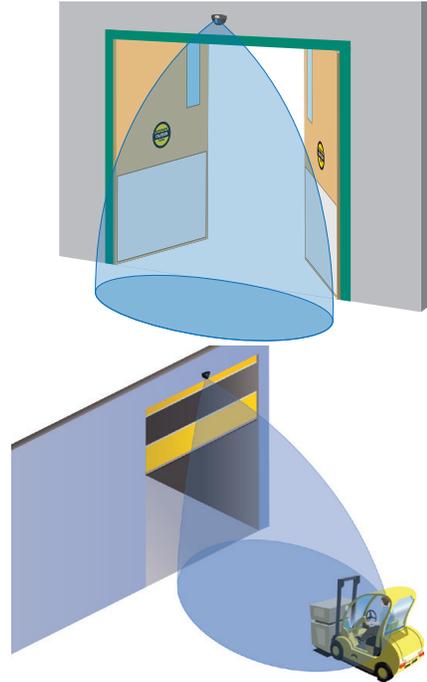


EAGLE FAMILY

MOTION SENSOR FOR AUTOMATIC DOORS



PRIMARY APPLICATIONS



DESCRIPTION

BEA's EAGLE FAMILY of motion sensors is designed for the activation of automatic pedestrian doors.

The EAGLE is universally compatible with all makes and models of swinging, sliding and revolving automatic doors. The EAGLE HM has a mounting height of 13 to 16.5 feet, making it ideal for use on large-format doors in industrial environments.

Unidirectional radar increases energy efficiency by detecting approaching traffic while ignoring motion away from the door.

FEATURES & BENEFITS

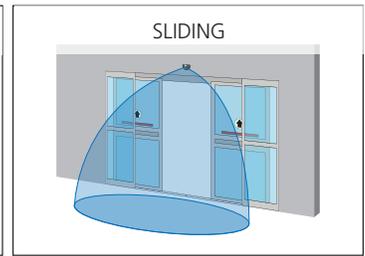
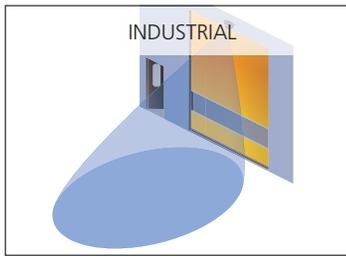
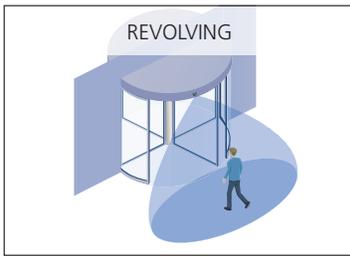
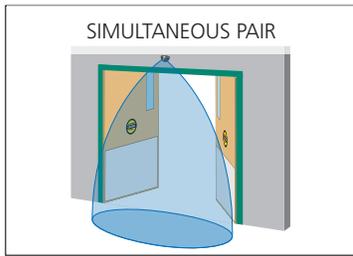
- Energy savings due to unidirectional detection capability
- Narrow and wide antennae included
- Immunity settings can be adjusted to reduce unwanted detections caused by rain, snow and header vibrations
- Motion detection feature capable of detecting traffic moving as slow as 2 in / s
- PRM mode for applications frequently used by persons with reduced mobility (i.e. wheelchair or elderly traffic)
- Compact, low profile design
- Variety of mounting accessories available, including our spacer accessory with integrated camera



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

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

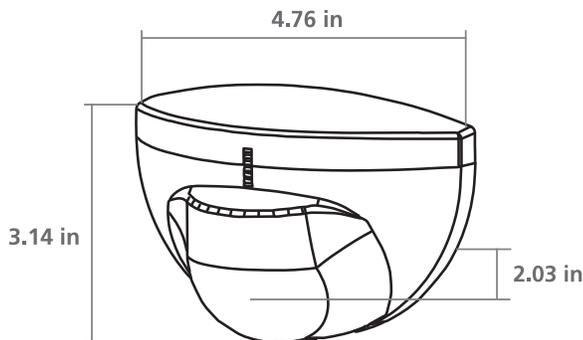
APPLICATIONS



TECHNICAL SPECIFICATIONS

Technology	Microwave and microprocessor
Detection Mode	Motion
Transmitter Frequency	24.150 GHz
Transmitter Radiated Power	< 20 dBm EIRP
Transmitter Power Density	< 5 mW/cm ²
Minimum Detection Speed	2 in / s (measuring based on optimal conditions)
Mounting Height	
EAGLE	6' – 13'
EAGLE HM	10' – 16'6"
Supply Voltage	12 – 24 VAC ±10%; 12 – 24 VDC 30% / -10%
Mains Frequency	50 – 60 Hz
Maximum Power Consumption	< 2 W
Output	Relay (free of potential change-over contact)
Max. Contact Voltage	42 VAC / VDC
Max. Contact Current	1 A (resistive)
Max. Switching Power	30 W (DC) / 60 VA (AC)
Cable Length	
EAGLE	8'
EAGLE HM	30'
Degree of Protection	IP54
Temperature Range	-4 – 131 °F
Dimensions	4.7" (L) x 3.1" (H) x 2.0" (W)
Material	ABS
Weight	7.6 oz
Tilt Angles	0 – 90° vertical; -30 – 30° lateral
Norm Conformance	R&TTE 1999 / 5 / EC; LVD 2006 / 95 / EC, RoHS 2 2011 / 65 / EU

DIMENSIONAL DRAWINGS



RELATED PRODUCTS



10EAGLE
MICROWAVE
MOTION SENSOR



10EAGLE1HM
HIGH MOUNT FOR
INDUSTRIAL DOORS



10EAGLESPACER
EXTENSION
SPACER



10ECA
FLUSH MOUNT
CEILING ADAPTER



10EMB
MOUNTING BRACKET
ADAPTER



10ERA
STANDARD
RAIN COVER



10ERC
DELUXE
RAIN COVER



10INDBRACKET
INDUSTRIAL
MOUNTING BRACKET



10MINIBRACKET
SHORT ADJUSTABLE
MOUNTING BRACKET



10REMOTE
SENSOR SETUP
REMOTE CONTROL



10BR3
PROGRAMMABLE
3-RELAY
LOGIC MODULE



1024VAC
24 VAC
TRANSFORMER WITH
MOUNTING FEET



10EAGLESPACERV
SPACER WITH
INTEGRATED CAMERA

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EAGLE FAMILY OVERHEAD ACTIVATION SENSOR FOR AUTOMATIC DOORS

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