



EAGLE FAMILY

MOTION SENSOR FOR AUTOMATIC DOORS



VIDEO



[Watch the product video](#)

TECHNOLOGY



CERTIFICATIONS



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 10 to 16.6 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.



Save on Energy Costs

Energy savings due to unidirectional detection capability

Adjustable

Narrow and wide antennae included

Eliminates False Detections

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

Versatile

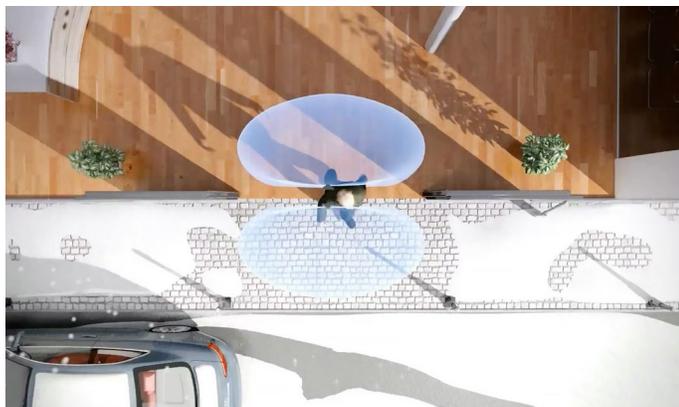
Motion detection feature capable of detecting traffic moving as slow as two inches per second

Aesthetically Pleasing Design

Compact, low profile design

Accessories Available

Variety of mounting accessories available, including our spacer accessory with integrated camera



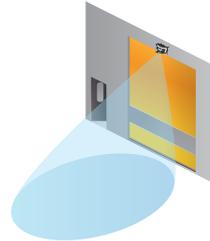
APPLICATIONS



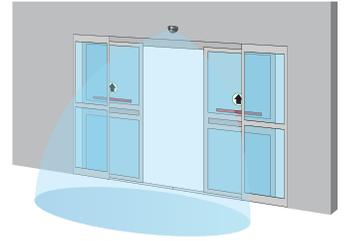
Simultaneous Pair



Revolving



Industrial

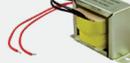


Sliding

TECHNICAL SPECIFICATIONS

Technology	Microwave and microprocessor
Detection Mode	Motion
Transmitter Frequency	24.150 GHz
Transmitter Radiated Power	< 20 dBm EIRP
Transmitter Power Density	< 5mW / 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) × 3.1" (H) × 2.0" (W)
Material	ABS
Weight	7.6 oz
Tilt Angles	0 – 90° vertical; -30 – 30° lateral
Norm Conformity	R&TTE 1999 / 5 / EC; LVD 2006 / 95 EC, RoHs 2 2011 / 65 / EU

PRODUCT SERIES

 <p>10EAGLE Microwave motion sensor</p>	 <p>10EAGLE1HM High mount for industrial doors</p>	 <p>10EAGLESPACER Extension spacer</p>
 <p>10ECA Flush mount ceiling adapter</p>	 <p>10EMB Mounting bracket adapter</p>	 <p>10ERA Standard rain cover</p>
 <p>10ERC Deluxe rain cover</p>	 <p>10INDBRACKET Industrial mounting bracket</p>	 <p>10MINIBRACKET Short adjustable mounting bracket</p>
 <p>10REMOTE Sensor setup remote control</p>	 <p>10BR3 Programmable 3-relay logic module</p>	 <p>1024VAC 24 VAC transformer with mounting feet</p>
 <p>10EAGLESPACERV Spacer with integrated camera</p>	 <p>66.0098 Silver replacement cover</p>	

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