



# EAGLE FAMILY

MOTION SENSOR FOR AUTOMATIC DOORS



## VIDEO



[Watch the product video](#)

## TECHNOLOGY



## CERTIFICATIONS

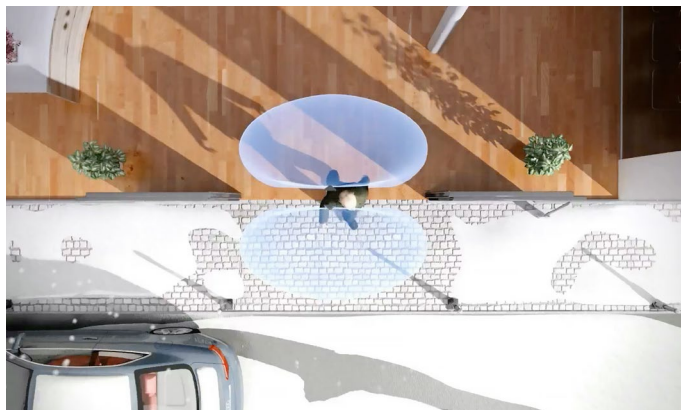
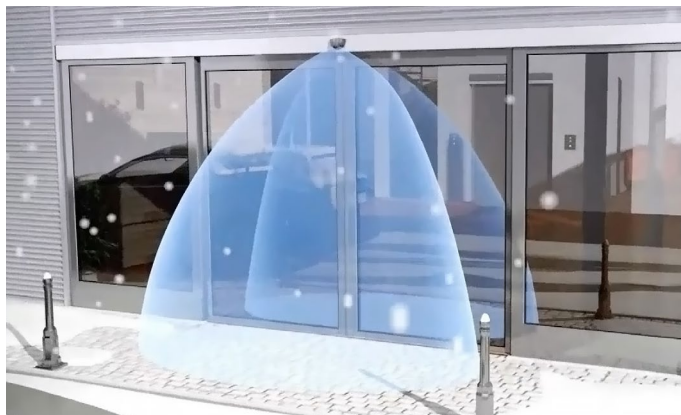


## DESCRIPTION

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

### Accurate and Precise

PRM mode for applications frequently used by persons with reduced mobility (i.e. wheelchair or elderly traffic)

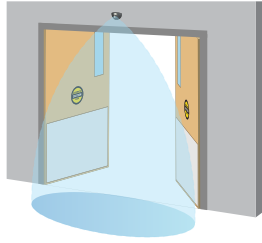
### Aesthetically Pleasing Design

Compact, low profile design

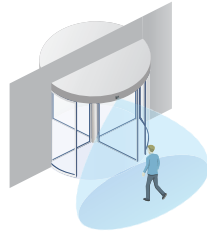
### Accessories Available

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

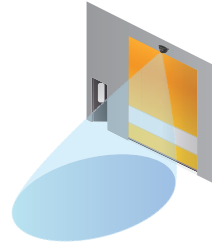
## APPLICATIONS



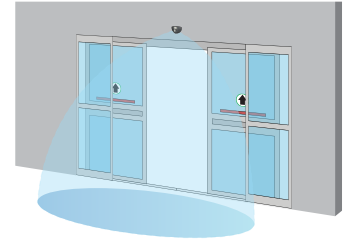
Simultaneous Pair



Revolving



Industrial



Sliding

## TECHNICAL SPECIFICATIONS

<b>Technology</b>	Microwave and microprocessor
<b>Detection Mode</b>	Motion
<b>Transmitter Frequency</b>	24.150 GHz
<b>Transmitter Radiated Power</b>	< 20 dBm EIRP
<b>Transmitter Power Density</b>	< 5mW / cm <sup>2</sup>
<b>Minimum Detection Speed</b>	2 in / s (measuring based on optimal conditions)
<b>Mounting Height</b>	
EAGLE	6' – 13'
EAGLE HM	10' – 16'6"
<b>Supply Voltage</b>	12 – 24 VAC ±10% 12 – 24 VDC 30% / -10%
<b>Mains Frequency</b>	50 – 60 Hz
<b>Maximum Power Consumption</b>	< 2 W
<b>Output</b>	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)
<b>Cable Length</b>	
EAGLE	8'
EAGLE HM	30'
<b>Degree of Protection</b>	IP54
<b>Temperature Range</b>	-4 – 131 °F
<b>Dimensions</b>	4.7" (L) × 3.1" (H) × 2.0" (W)
<b>Material</b>	ABS
<b>Weight</b>	7.6 oz
<b>Tilt Angles</b>	0 – 90° vertical; -30 – 30° lateral
<b>Norm Conformity</b>	R&TTE 1999 / 5 / EC; LVD 2006 / 95 EC, RoHs 2 2011 / 65 / EU

## PRODUCT SERIES



**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



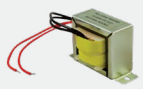
**10MINIBRACKET**  
Short adjustable mounting bracket



**10REMOTE**  
Sensor setup remote control



**10BR3**  
Programmable 3-relay logic module



**1024VAC**  
24 VAC transformer with mounting feet



**10EAGLESPACERV**  
Spacer with integrated camera



**66.0098**  
Silver replacement cover

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