



# EAGLE

MOTION SENSOR FOR AUTOMATIC DOORS



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## TECHNOLOGY



## CERTIFICATIONS



## DESCRIPTION

BEA's **EAGLE** is designed for the activation of automatic pedestrian doors and is universally compatible with all makes and models of swinging, sliding, and revolving automatic doors.

This motion sensor features unidirectional radar which increases energy efficiency by detecting approaching traffic while ignoring motion away from the door.

BEA offers a wide variety of **EAGLE** installation accessories to accommodate your mounting needs, including a spacer accessory with an integrated camera.

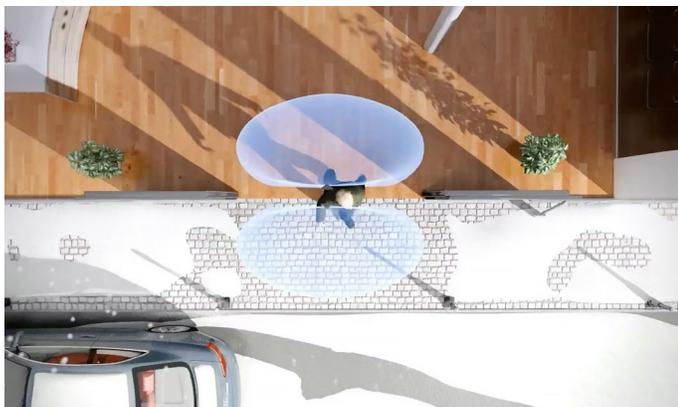


### Adjustable

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

## APPLICATIONS



Simultaneous Pair



Revolving

## 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>	6' – 13'
<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>	8'
<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

## ACCESSORIES



**10EAGLESPACER**  
Extension spacer



**10EAGLESPACERV**  
Spacer with integrated camera



**10ECA**  
Flush mount ceiling adapter



**10EMB**  
Mounting bracket adapter



**10ERA**  
Standard rain cover



**10ERC**  
Deluxe rain cover



**66.0098**  
Silver replacement cover



**10INDBRACKET**  
Industrial mounting bracket



**10MINIBRACKET**  
Short adjustable mounting bracket

## RELATED PRODUCTS



**10LZRFLATSCAN3D-SWBK**  
LZR-FLATSCAN 3D SW sensor kit (black)



**10LZRFLATSCAN-SWB**  
LZR-FLATSCAN SW full-energy kit (black)



**10BR3X**  
Programmable 3-relay logic module



**10PSMDR2024**  
DIN rail power supply, 100 – 240 VAC / 24 VDC



**10PSST242**  
Plug-in power supply



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



**10REMOTE**  
Universal remote control

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BEA AMERICAS / RIDC Park West / 100 Enterprise Drive / Pittsburgh, PA  
T 1-800-523-2462 / F 1-888-523-2462 / E info-us@BEAsensors.com

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