



EAGLE FAMILY

MOTION SENSOR FOR AUTOMATIC DOORS



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TECHNOLOGY



CERTIFICATIONS

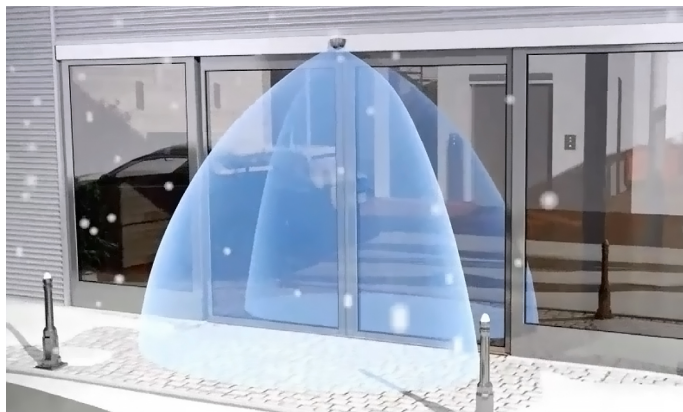


DESCRIPTION

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

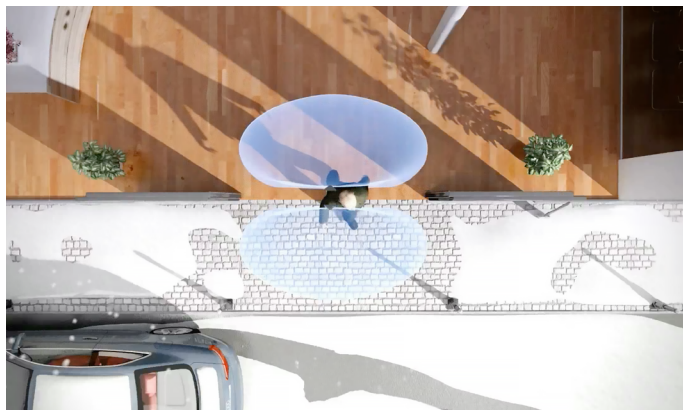
Motion detection feature capable of detecting traffic moving as slow as two inches per second

Aesthetically Pleasing Design

Compact, low profile design

Accessories Available

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



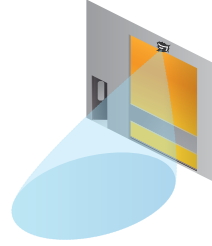
APPLICATIONS



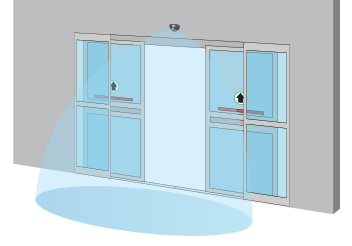
Simultaneous Pair



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



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



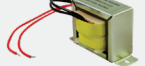
10MINIBRACKET
Short adjustable mounting bracket



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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