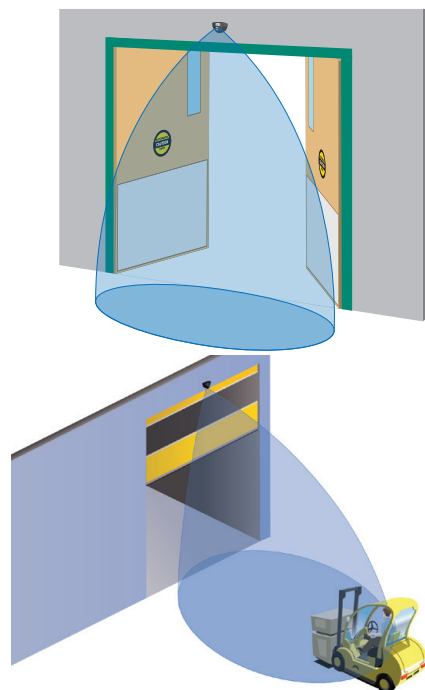


EAGLE FAMILY

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

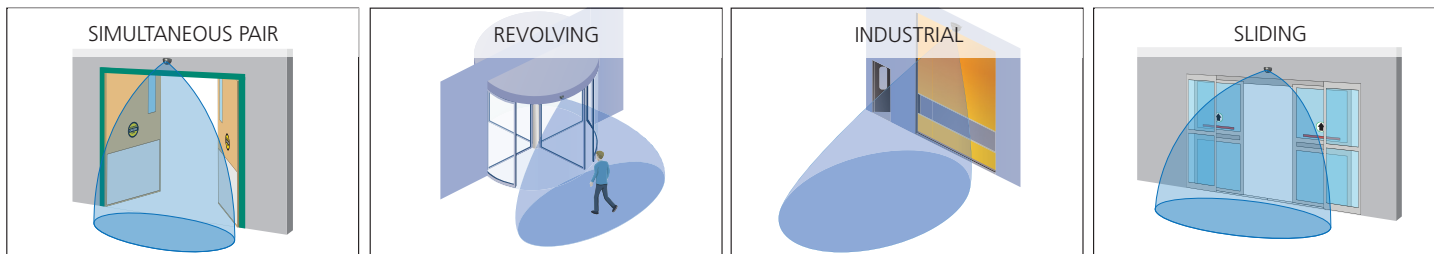
- Energy savings due to unidirectional detection capability
- Narrow and wide antennae included
- Immunity settings can be adjusted to reduce unwanted detections caused by rain, snow and header vibrations
- Motion detection feature capable of detecting traffic moving as slow as 2 in / s
- PRM mode for 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



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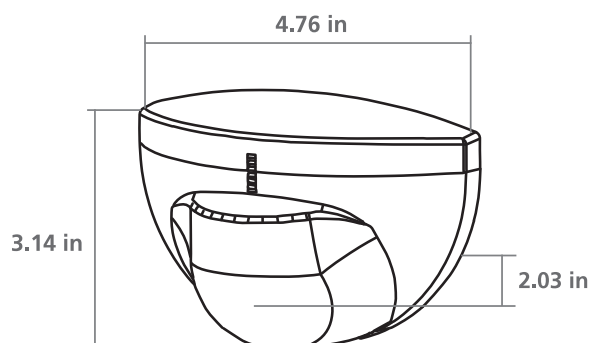
APPLICATIONS



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

