

EAGLE

OVERHEAD ACTIVATION SENSOR FOR AUTOMATIC DOORS



MICROWAVE MOTION DETECTOR

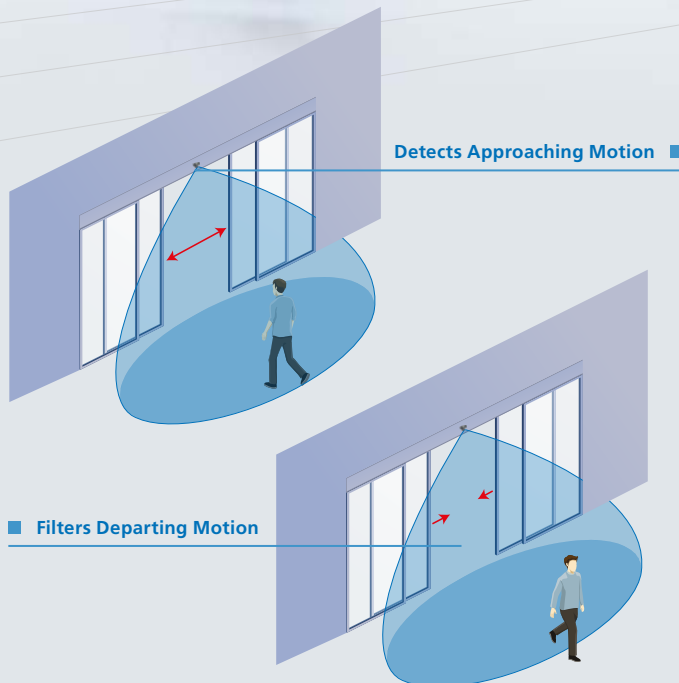
DESCRIPTION

The **EAGLE** is an overhead motion sensor utilizing K-Band microwave technology. The Eagle is universally compatible with all types of automatic doors while avoiding any interference from cell phones and CB radios.

Easy Installation



EN



ANSI & FCC COMPLIANT

The Eagle is capable of exceeding ANSI standards and meeting current FCC requirements, while employing sophisticated motion tracking technology for unidirectional sensing when energy conservation is desired.

ADJUSTABLE ANTENNA

The adjustable planar antenna assures the activation pattern is positioned precisely where it needs to be according to traffic conditions.

ADVANCED MICROPROCESSOR

Screens out interferences caused by rain, snow, radio frequency and header vibration.

The Eagles motion detection feature can detect slower moving pedestrians, moving as slow as 2.2 inches per second.

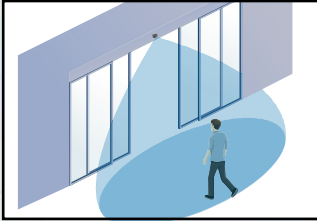
FEATURES

- The unidirectional radar increases energy efficiency for buildings by detecting approaching traffic while filtering motion away from the door: the door closes earlier and reduces cooling/heat costs
- Aesthetically appealing design for swing doors by positioning the sensor above approach side header
- Stable and reliable detection area due to the planar antenna (*narrow antenna included behind circuit board*)
- Optional recessed ceiling mount available

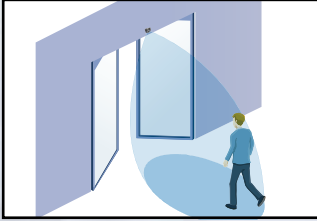


OPEN UP NEW HORIZONS

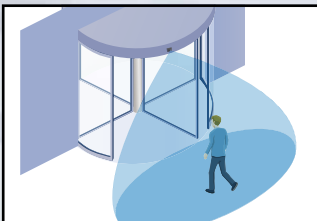
APPLICATIONS



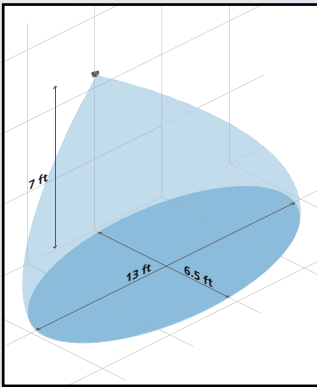
SLIDING DOORS



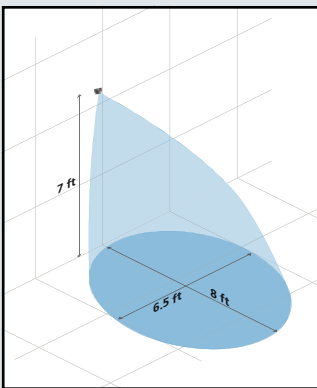
DOUBLE SWING DOORS



REVOLVING DOORS



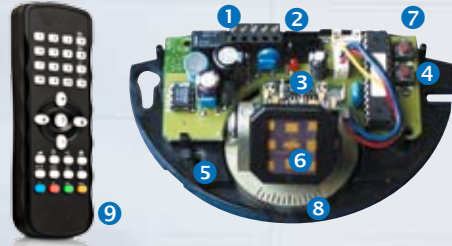
WIDE PATTERN –
13 FT x 6.5 FT @ 7 FT



NARROW PATTERN –
6.5 FT x 8 FT @ 7 FT

DETECTION RANGE

COMPONENTS

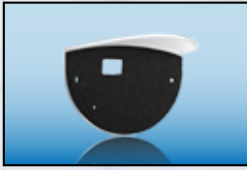


1. Removable Plug Connector
2. Remote Control Receiver
3. LED Indicator
4. Sensitivity Adjustment Buttons
5. Antenna Bracket Adjustment
6. Removable Planar Antenna (*wide*)
7. Replacement Planar Antenna (*narrow*)
8. Rotating Drum for Lateral Adjustment
9. Optional BEA Universal Remote Control (*not included*)

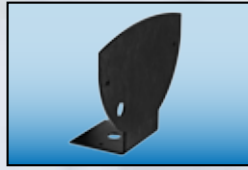
ACCESSORIES



10ERC
Deluxe Rain Cover



10ERA
Standard Rain Cover



10EMB
Mounting Bracket



10ECA
Ceiling Adapter

TECHNICAL SPECIFICATIONS

Technology	Microwave and Microprocessor
Transmitter Frequency	24.150 GHz
Transmitter Radiated Power	< 20 dBm EIRP
Transmitter Power Density	< 5 mW/cm ²
Detection Mode	Motion
Minimum Detection Speed	2 in/s (<i>measuring based on optimal conditions</i>)
Supply Voltave	12V to 24V AC ±10%; 12V to 24V DC +30% / -10%
Mains Frequency	50 to 60 Hz
Maximum Power Consumption	< 2 W
Output	Relay (<i>free of potential change-over contact</i>)
Maximum Contact Voltage	42V AC / DC
Maximum Contact Current	1A (resistive)
Maximum Switching Power	30 W (DC) / 60VA (AC)
Mounting Height	From 6 ft to 13 ft
Degree of Protection	IP54
Temperature Range	From -4° F to +131° F
Dimensions (L x H x W)	4.75 in x 3.15 in x 2.00 in
Tilt Angles	0° to 90° vertical; -30° to +30° lateral
Material	ABS
Weight	0.5 lbs
Cable Length	6 ft
Norm Conformity	R&TTE 1999/5/EC; EMC 2004/108/EC

Specifications are subject to change without prior notice.

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