



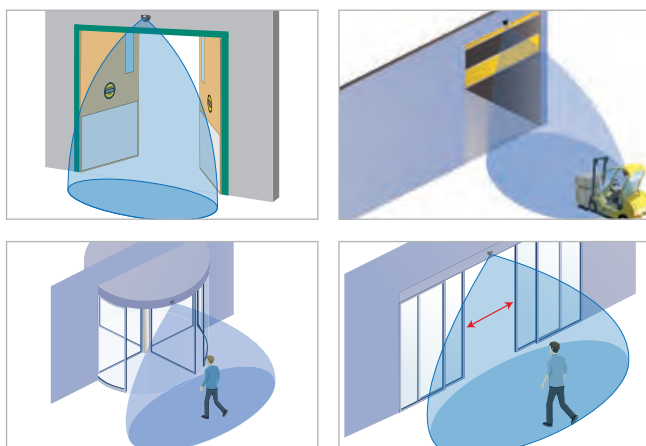
## EAGLE FAMILY

Motion sensor  
for automatic doors

MOTION  
SENSORS

### FEATURES & BENEFITS

- Energy savings due to unidirectional detection capability
- Narrow and wide antennae included
- Immunity setting helps screen rain, snow, radio frequency and header vibration
- Motion detection feature capable of detecting traffic moving as slow as 2 in/s
- Compact, low profile design



### TECHNICAL SPECIFICATIONS

<b>Technology</b>	Microwave Doppler Radar
<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>	< 5 mW / cm <sup>2</sup>
<b>Min. Detection Speed</b>	2 in / s (measuring based on optimal conditions)
<b>Mounting Height</b>	
Eagle	72 in – 156 in (6 ft – 13 ft)
Eagle HM	156 in – 198 in (13 ft – 16.5 ft)
<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 Current	1 A (resistive)
Max. Contact Voltage	42 VAC / VDC
Max. Switching Power	30 W (DC) / 60 VA (AC)
<b>Cable Length</b>	
Eagle	96 in (8 ft)
Eagle HM	96 in (8 ft)
<b>Degree of Protection</b>	IP54
<b>Tilt Angles</b>	0° – 90° vertical; –30° – 30° lateral
<b>Norm Conformance</b>	R&TTE 1999 / 5 / EC; EMC 2004 / 108 / EC; LVD 2006 / 95 / EC RoHS 2 2011 / 65 / EU

### PRODUCT SERIES

P/N	Description
<b>10EAGLE</b>	Flat antenna motion detector
<b>10EAGLE1HM</b>	Industrial motion sensor - up to 16.5 foot mounting height
<b>10ERC</b>	Deluxe Eagle rain cover
<b>10ECA</b>	Eagle ceiling adapter
<b>10EMB</b>	Eagle mounting bracket
<b>10ERA</b>	Standard rain cover
<b>10EQD</b>	Eagle quick disconnect harness (48 in)
<b>10EAGLESPACER</b>	Spacer for bi-fold applications
<b>10INDBRACKET</b>	Heavy duty extension bracket - adjustable from 20 in – 36 in
<b>10MINIBRACKET</b>	Short heavy duty extension bracket - adjustable from 6 in – 12 in
<b>10REMOTE</b>	Universal Remote Control
<b>REQUIRED FOR ALL SENSOR ADJUSTMENTS</b>	
<b>20.0027</b>	Eagle 4-conductor cable (6 ft bundle)
<b>30.0407</b>	Eagle 5-pin connector
<b>70.0164</b>	Eagle bezel to cover antenna
<b>70.0167</b>	Eagle cover with light pipe
<b>70.0173</b>	Eagle wide microwave antenna
<b>70.0182</b>	Eagle narrow microwave antenna