



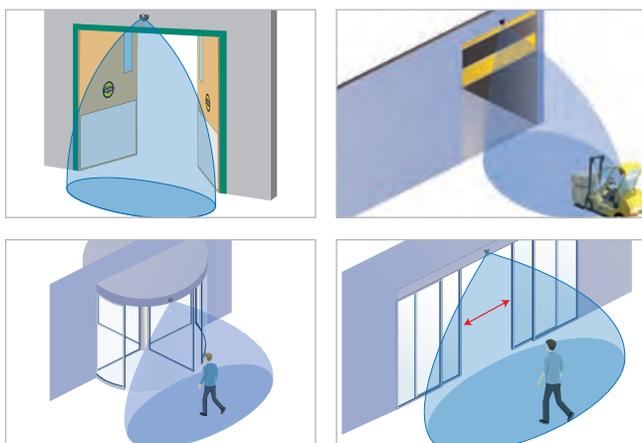
EAGLE FAMILY

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

Technology	Microwave Doppler Radar
Detection Mode	Motion
Transmitter Frequency	24.150 GHz
Transmitter Radiated Power	< 20 dBm EIRP
Transmitter Power Density	< 5 mW / cm ²
Min. Detection Speed	2 in / s (measuring based on optimal conditions)
Mounting Height	Eagle Eagle HM
	72 in – 156 in (6 ft – 13 ft) 156 in – 198 in (13 ft – 16.5 ft)
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 Current	1 A (resistive)
Max. Contact Voltage	42 VAC / VDC
Max. Switching Power	30 W (DC) / 60 VA (AC)
Cable Length	Eagle Eagle HM
	96 in (8 ft) 96 in (8 ft)
Degree of Protection	IP54
Tilt Angles	0° – 90° vertical; –30° – 30° lateral
Norm Conformance	R&TTE 1999 / 5 / EC; EMC 2004 / 108 / EC; LVD 2006 / 95 / EC RoHS 2 2011 / 65 / EU

PRODUCT SERIES

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