

The Eagle Pedestrian



THE EAGLE PEDESTRIAN

Motion Detector
for Automatic Doors



Quality
Intelligence
Precision

Utilizing K band microwave technology
the Eagle is universally compatible with all swinging, bi-folding and automatic doors while avoiding any interference from cell phones and CB radios.

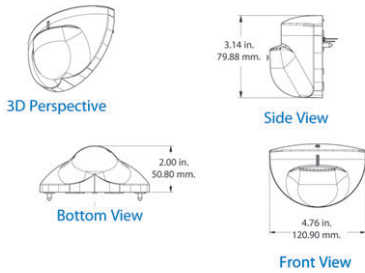
The Eagle's technologically advanced microprocessor
screens out interferences caused by rain, snow, radio frequency and header vibration. Slower moving individuals are also protected by the Eagle's highly sensitive 2.2 inches per second motion detection feature.

While exceeding ANSI standards and meeting FCC requirements
the Eagle also employs sophisticated motion tracking technology for unidirectional sensing when energy conservation is critical.

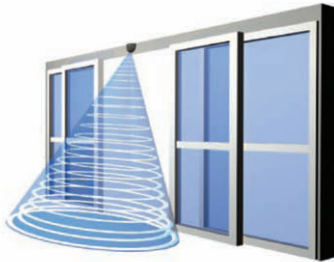
The adjustable 3-D planar antenna
assures the activation pattern is positioned precisely where it needs to be according to traffic conditions.

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DIMENSIONAL DRAWINGS



APPLICATIONS



- The Eagle's flat antenna provides a stable detection that can detect people approaching the door from odd angles.



- The Eagle offers extra immunity protection for precise activation zones needed on swinging doors.



- The Eagle provides a very wide and deep activation field, excellent for revolving doors.

TECHNICAL SPECS

Frequency
24.125 GHz

Supply voltage
12 to 24 VAC: $\pm 10\%$;
12 to 24 VDC: -10% / $+30\%$

Mounting height
Normal
7'
Maximum
10'-0"

Tilt angle
0° to 90° vertical
-15° to +15° lateral

Detection area
Wide
13ft (W) x 6.5ft (D)
Narrow
6.5ft (W) x 8.2ft (D)
(supplied as optional)

Minimum detection speed
2.2 in/sec. (measured in axis)

Power consumption
< 2 W

Standard output relay
Max contact voltage
60 VDC / 125 VAC
Max contact current
1A (resistive)
Max switching power
30W (DC) / 60VA (AC)

Hold time
0.5 sec. to 9 sec. (adjustable)

Temperature range
-4°F to 131°F

Dimensions
4.75in (W) x 3.15in (H)
x 2.0in (D)

Weight
0.5lbs

Material
ABS

Housing color
Black. Can be painted
with non-metallic paint

Cable length
6ft

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EAGLE COMPONENTS



- Removable plug connector
- Remote controlled receiver
- Serial communication connector
- LED (detection indication)
- Sensitivity adjustment buttons
- Antenna bracket front adjustment
- Planar antenna (wide or narrow)
- Rotating drum for lateral adjustment
- Remote Control

RELATED PRODUCTS

