

BEA

The Eagle

Motion Detector for Automatic Doors

We open up New Horizons

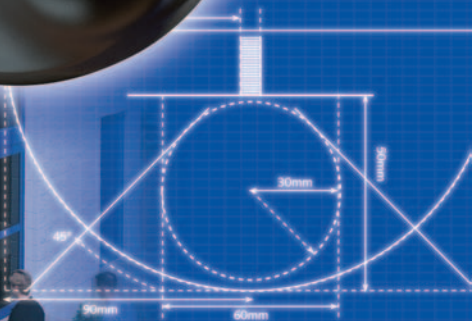
The Eagle soars with 3-D adjustability, lightweight design, and revolutionary planar antenna.

Features:

- K Band microwave technology, which is universally compatible with all swinging, sliding, bifolding and revolving automatic doors.
- Sophisticated motion tracking technology for unidirectional sensing when energy conservation is critical.
- Exceeds ANSI standards and meets FCC requirements.
- "3-D" adjustable antenna assures the activation pattern is positioned precisely where it needs to be according to traffic conditions.
- Technologically advanced microprocessor screens out interferences caused by rain, snow, radio frequency and header vibration.



ACTUAL SIZE





Sliding Doors



Swinging Doors



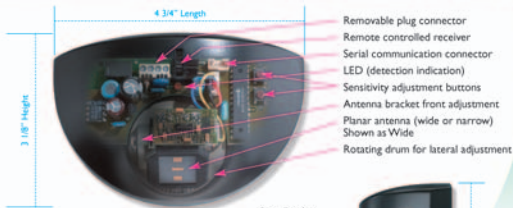
Revolving Doors



Rotating Doors

The Eagle

Motion Detector for Automatic Doors

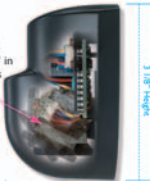


Second antenna provided for narrow sensing pattern



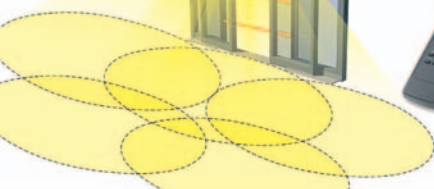
Lateral adjustment from 30° left to 30° right and anywhere in between.

Slim Profile. Vertical adjustment 0° to 90° in 15° increments



2" Depth

The Eagle's revolutionary planar K-band antenna provides an extremely wide and deep activation zone to assure your door is open when someone walks through it.



Remote control adjustability for ease of set-up and adjustment.

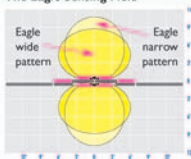


B.E.A. Inc.

300 South Main Street
Pittsburgh, PA 15215 USA
Phone: 412-782-5150
Fax: 412-782-5154
Website: www.beainc.com[®]
E-mail: sales@beainc.com
Toll Free Numbers:
US & Canada: 1-800-523-2462
PST: 1-877-BEAWEST (232-9378)
Mexico: 95-800-711-1398

[®] Detailed architectural specifications are available on BEA's website and in our architectural binder.

The Eagle Sensing Field



When installed at a height of 8' and set at the highest sensitivity, the sensor can provide a wide pattern of 12" width x 6.6" depth or a narrow pattern of 6.6" width x 8" depth.

Accessories



Rain Cover



False Ceiling Adapter

TECHNICAL SPECIFICATIONS

Color	Black (ready to paint)	Mounting height	Up to 10' (3m)
Current consumption	<2W max contact voltage : 60VDC/125V max contact current: 1 A (resistance) max switching power: 30W	Power supply	Output relay 12 to 24V AC/DC ±10%
Detection area	Wide pattern 12" w (3.96m) to 6' 6" D (1.98m) Narrow pattern 6' 6" W (1.98m) to 8' D (2.43m)	Remote Controlled Adjustments	Sensitivity Relay hold time Unidirectional and bidirectional mode Immunity setting Relay mode Reset to factory settings Inquiry
Dimensions	4.314" W (120mm) x 3.118" H (80mm) 2" D (50mm)	Technology	Microwave and Microprocessor
Frequency emitted	24.125 GHz	Temperature range	-30° F (-35°C) to +131° F (55°C)
Manual Adjustments	Sensitivity Orientation of antenna Wide and narrow pattern	Tilt angle	From 0° to 90° vertical From -30° to 30° lateral
Material	ABS plastic	Weight	7oz. (199g)