

BEA

The Eagle

Motion Detector for Automatic Doors

We open up New Horizons

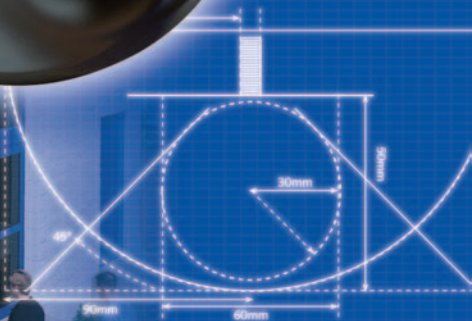
The Eagle soars with 3-D adjustability, lightweight design, and revolutionary planar antenna.

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



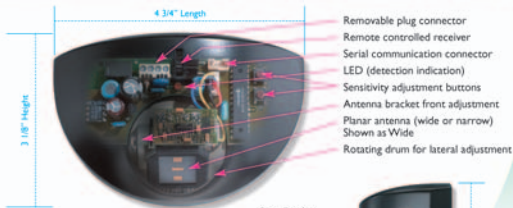
Revolving Doors



Rotating Doors

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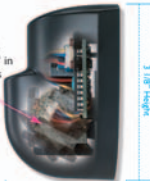


Second antenna provided for narrow sensing pattern



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

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

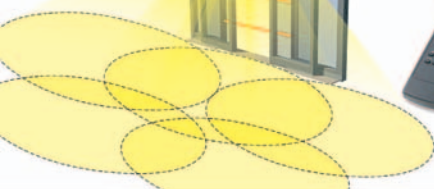


3.118" Height

2" Depth

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

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.

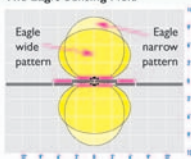


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[®] Detailed architectural specifications are available on BEA's website and in our architectural binder.

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. (198g)