

# BODYGUARD

SENSOR FOR PEDESTRIAN SWING DOORS



QUICK INSTALLATION  
ADAPTIVE & EFFICIENT  
SWING-SIDE SAFETY

Innovation  
Quality  
Service

The Bodyguard's digital intelligence provides the ultimate results in flexibility and safety from an infrared presence sensor.

- Diffused active infrared provides presence detection for any swing or bi-fold system.
- Deep threshold protection increases safety, eliminating the fright factor.
- Recognizes open and closed positions to allow for maximum detection.
- Nine selectable patterns accommodate a single or a pair of doors.
- Advanced tracking automatically adjusts for changes in environment, ignores door drifting and easily adapts to custom applications.
- Fully compatible with BEA's EDPS – Enhanced door position system.

[WWW.BEASENSORS.COM](http://WWW.BEASENSORS.COM)

A HALMA COMPANY

**BEA**  
OPEN UP NEW HORIZONS

## TECHNICAL SPECS

### Detection Zone

*Closed Door:*  
4' deep by 7' wide (max)

*Open Door:*  
5' deep by 7' wide (max)  
Note: See User's Guide for more

### Dimensions (LxWxH)

11.8" x 1.9" x 1.9"  
305mm x 46mm x 51mm

### Supply Voltage

12 – 24V AC/DC ±10%  
50 – 60 Hz

### Operating Temp.

-22° F – +140° F

### Mounting Height

*Recommended:*  
6'6" – 8'0" (9'0" max.)

### Mounting Angles

*Bodyguard Only:*  
+5° (default), +10°

*With Bodymount:*

0°, +5°, +10°

### Max. Relay Output

*Contacts:*  
60V DC / 125V AC; 1A

*Max. Switching Power:*  
30W (DC), 60 VA (AC)

### Relay Hold Time

0.5 – 9 seconds

### Immunity

Sun light, HF Lamps, radio  
& electrical frequencies

### Material

ABS plastic and black  
anodized aluminum –  
ready to paint

### Technology

Diffused Active Infrared

### Weight

1lb, 11oz (765g)

## PRODUCT DETAILS



1 6' Cable

2 Removable hard-wire plug

3 Receivers

4 Lens

5 Red / Green LED

6 Emitting LEDs

7 End Cap

8 10-pin JST connector

## FAMILY OF PRODUCTS



10BODYGUARDIII



10BODYMNT



10BGQD



10URC

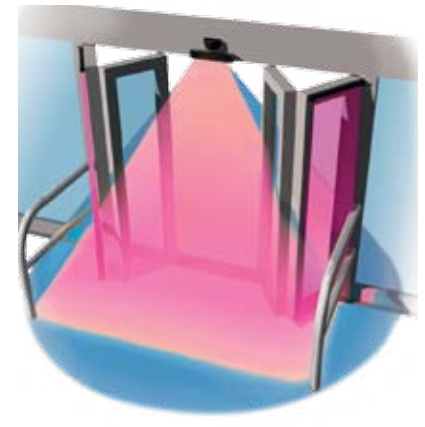
## APPLICATIONS



► Provides protection in the swing path of the door.



► Floods the threshold with presence detection when door is open.



► Provides the same degree of protection as on a swing door

## RELATED PRODUCTS



**Eagle**  
Flat antenna  
motion detector



**Enhanced Door  
Position System**  
A solution that accurately  
determines the position of an  
automatic swing door system



**SuperScan**  
Door mounted, active  
infrared safety sensor  
Housing sizes range  
from 34.5" to 48"



**Remote Control**  
Easy and accurate setup  
of sensor. Used primarily  
for the G3, Falcon, IS40  
and Iris.