



## BEA ARCHITECTURAL SPECIFICATION SHEET Swing and Folding Door Solutions: Bodyguard III

Safety Sensor – Swinging and Folding Doors: Provide an automatic entrance door sensor capable of detecting presence via diffused active infrared technology. The overhead mounted presence sensor shall detect stationary or moving humans within the sensing pattern. The sensor shall have a sensing pattern that is fully adjustable by remote control for sensitivity, pattern width and pattern depth. The overhead mounted sensor shall provide 2 independently adjustable patterns: One for the door closed position, and one for the door open position. For the door open position, the sensor shall enable an area of detection that reaches through the threshold by approximately 12” (30.48 cm) toward the non-swing side of the door.

1. Mounting Range Capabilities:
2. Mounting Height: 84” to 108” (213.36 cm to 274.32 cm) - (recommended 6’-6” to 8’-0”)
3. Thermal Range Requirements:
  - a. -22°F ( -30°C) to 140°F (60°C)
4. Safety portion of the sensor shall detect a 28” (71.12 cm) high person fully in the zone for a minimum of 30 seconds
  - a. Sensor shall provide two patterns –Two independent patterns, door open and door closed each having sensitivity, pattern width and pattern depth adjustments
  - b. Sensor shall provide mechanical adjustments from 0 degrees to 10 degrees and utilize a remote control for all parameter adjustments
5. Adjustments to product must be made using a remote control
6. Product shall be installed and adjusted by an AAADM certified technician

**BEA Inc.**  
RIDC Park West  
100 Enterprise Drive  
Pittsburgh, PA 15275-1213

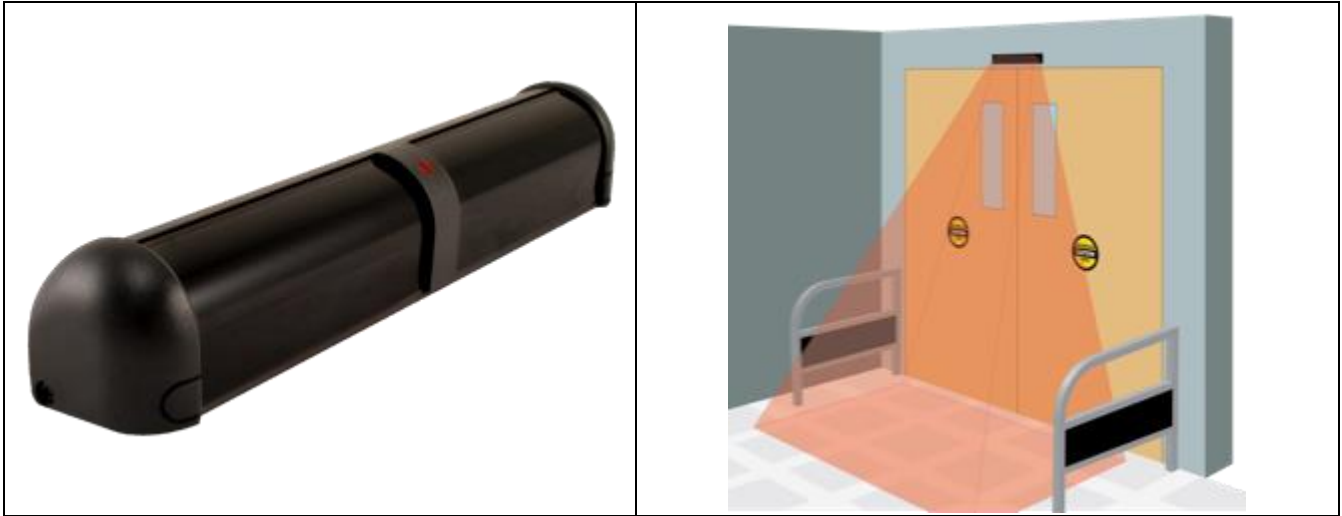
Phone: 1.800.523.2462  
Fax: 1.888.523.2462



**AAADM** Member  
American Association of  
Automatic Door Manufacturers

A HALMA COMPANY

**Product image and Application Photo**



**Technical Specs:**

<b>Detection Zone at standard</b>	
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<b>mounting height of 7 feet (D x W)</b>	
<b>Closed Door:</b>	48" x 84" (121.92 cm x 213.36 cm) Max.
<b>Open Door:</b>	60" x 84" (152.40 cm x 213.36 cm) Max.
<b>Dimensions (W x D x H)</b>	11.8" x 1.9" x 1.9" (29.97 cm x 4.83 cm x 4.83 cm)
<b>Supply Voltage</b>	12 to 24 V AC/DC ±10% 50 to 60 Hz
<b>Operating Temperature</b>	-22°F (-5.5°C) to 140°F (60°C)
<b>Mounting Height</b>	72" to 96" 182.88 cm to 243.84 cm (Recommended) 108" Max. (274.32 cm)
<b>Mounting Angle</b>	
<b>Bodyguard Only</b>	Bodyguard Only: +5° (Default), +10°
<b>With Bodymount</b>	With Bodymount: 0°, +5°, +10°

<b>Max. Relay Output Contacts</b>	60 VDC, 125 VAC; 1A
<b>Max. Switching Power</b>	30 W (DC), 60 VA (AC)
<b>Relay Hold Time</b>	0.5 to 9 seconds (adjustable)
<b>Immunity</b>	Sunlight, HF Lamps, Radio/Electrical Frequencies
<b>Materials</b>	ABS Plastic (Lens) Black Anodized Aluminum (Body); Ready To Paint
<b>Technology</b>	Diffused Active Infrared
<b>Weight</b>	1 lb, 11 oz (765 g)

**Dimensions:**

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