



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

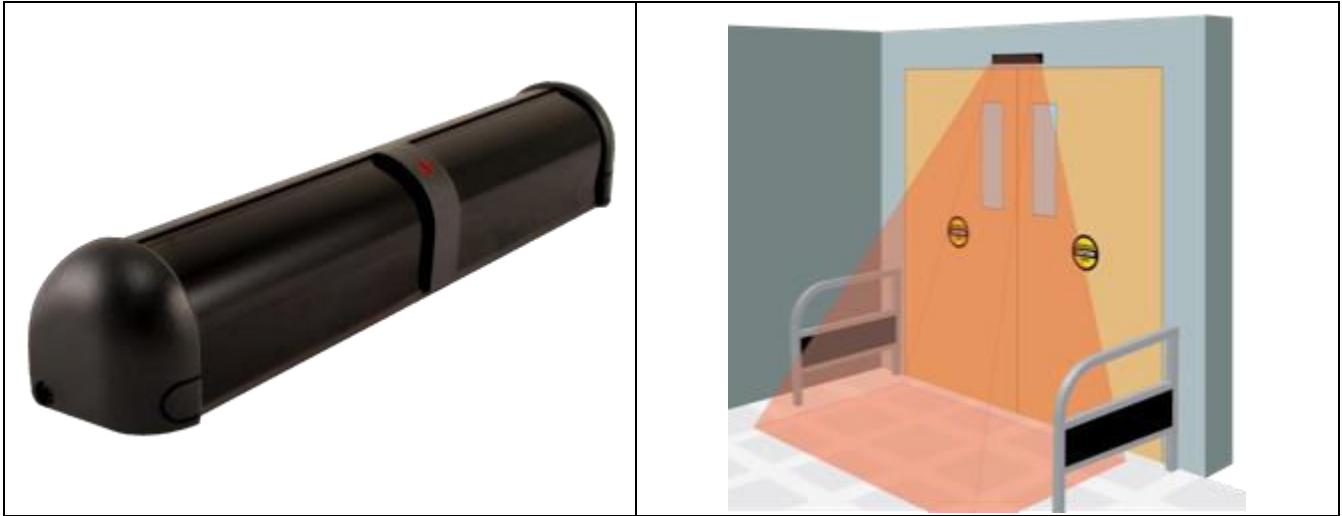
Phone: 1.800.523.2462
Fax: 1.888.523.2462



AAADM Member
American Association of
Automatic Door Manufacturers

A HALMA COMPANY

Product image and Application Photo



Technical Specs:

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

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

Dimensions:

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