



BEA ARCHITECTURAL SPECIFICATION SHEET

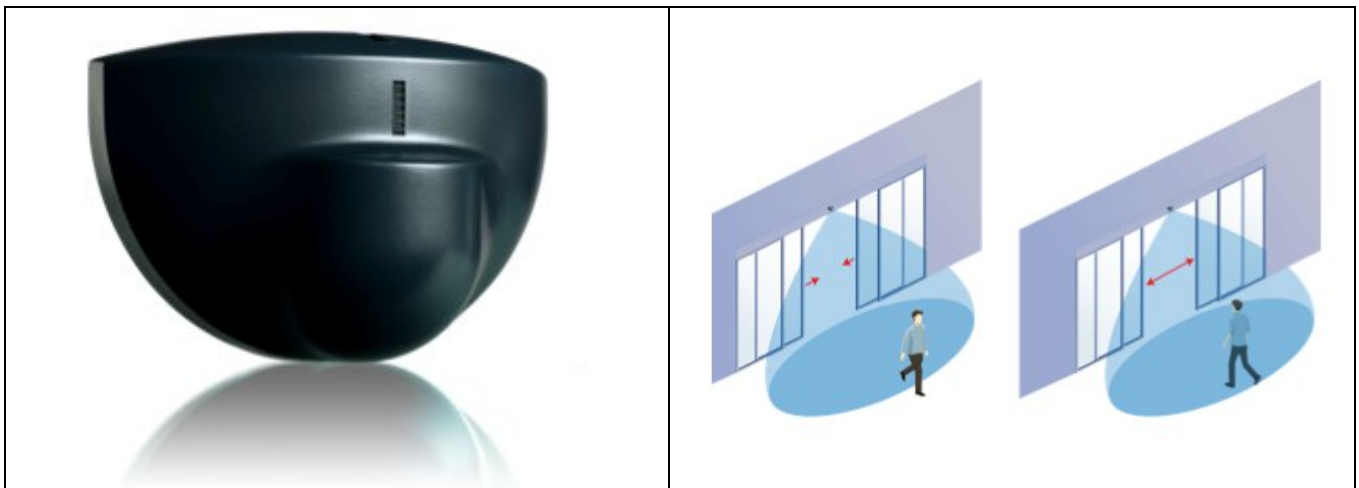
Automatic Door Solutions: Eagle Activation Sensor

Product Specification

Activation Sensor – Swinging, Sliding, Folding, Revolving and Telescopic Doors: Provide an automatic entrance door sensor capable of providing motion detection activation via microwave (motion detection) K-band (24.125GHz) technology.

1. Mounting Range Capabilities:
2. Mounting Height Standard: 84" to 120" (213.36 cm to 304.8 cm)
3. Thermal Range Requirements: Provide sensor that can be used in all climates, allow for thermal range from minus -4° F (-20° C) to 130° F (55° C).
4. Activation portion of the sensor shall detect a 28 inch (71.12 cm) minimum high person, moving at a rate of 2.2 inches (5.59 cm) per second minimum toward the center of the door, within the detection areas described per ANSI 156.10
 - a. The sensor shall provide a maximum field of motion detection 156" (396.24 cm) wide by up to 97.92" (248.92 cm) deep.
 - b. Microwave activation portion of the sensor shall have bi-directional, unidirectional or motion tracking sensing capabilities and utilize a flat planar antenna.
 - c. Provide a means to adjust the activation zone vertical angle from 0 degrees to 90 degrees as measured from the face of the sensor and from +15 to -15 degrees measured parallel to the face of the sensor.
5. Product Adjustments must be made via using a hand held a remote control
6. Product must be installed and adjusted by an AAADM certified technician

Product image and Application Photo



BEA Inc.
RIDC Park West
100 Enterprise Drive
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Technical Specs:

Technology	Microwave
Transmitter Frequency	24.150 GHz
Transmitter Radiated Power	< 20 dBm EIRP
Transmitter Power Density	< 5 mW/cm ²
Detection Mode	Motion
Minimum Detection Speed	2 in/s (<i>measuring based on optimal conditions</i>)
Supply Voltage	12 to 24 V AC $\pm$ 10%; 12 to 24 V DC +30% / -10%
Mains Frequency	50 to 60 Hz
Maximum Power Consumption	< 2 W

Output Maximum Contact Voltage	Relay (<i>free of potential change-over contact</i>)
Maximum Contact Current	42 V AC/DC
Maximum Switching Power	1 A (resistive)
	30 W (DC) / 60 VA (AC)
Degree of Protection	IP54
Tilt Angles	0° to 90° vertical; -30° to +30° lateral
Norm Conformity	R&TTE 1999/5/EC; EMC 2004/108/EC

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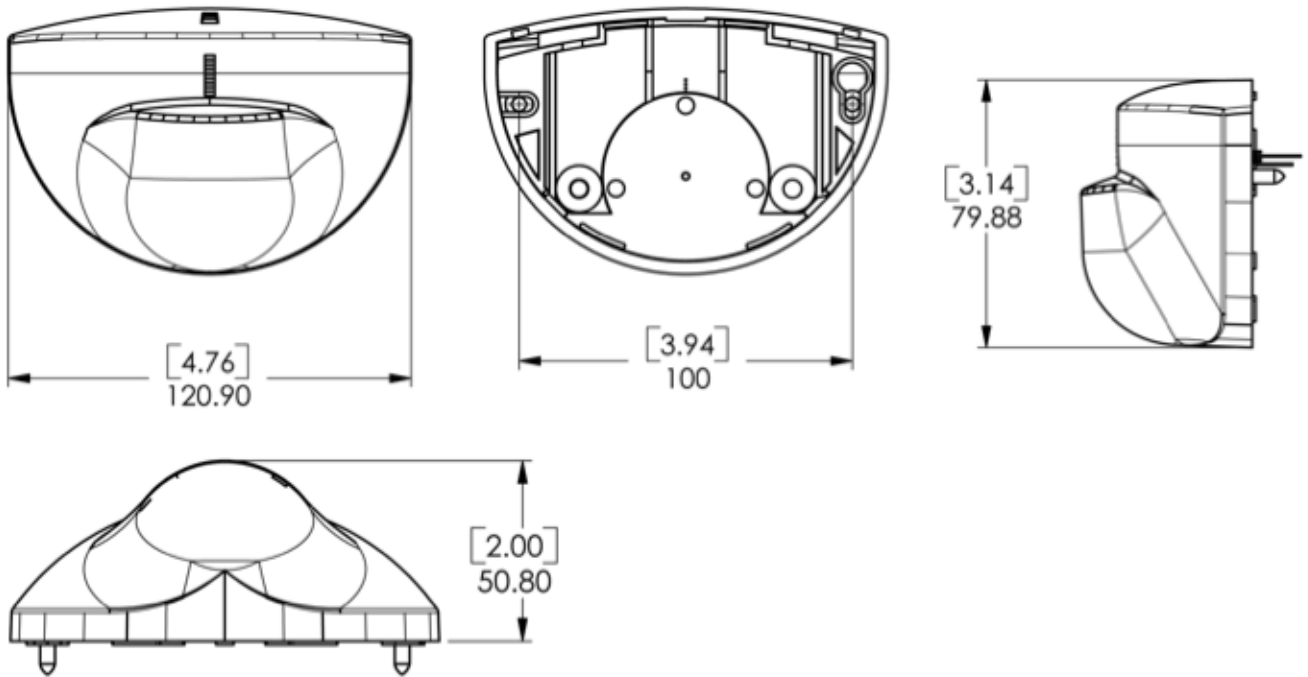


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Dimensions:



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