

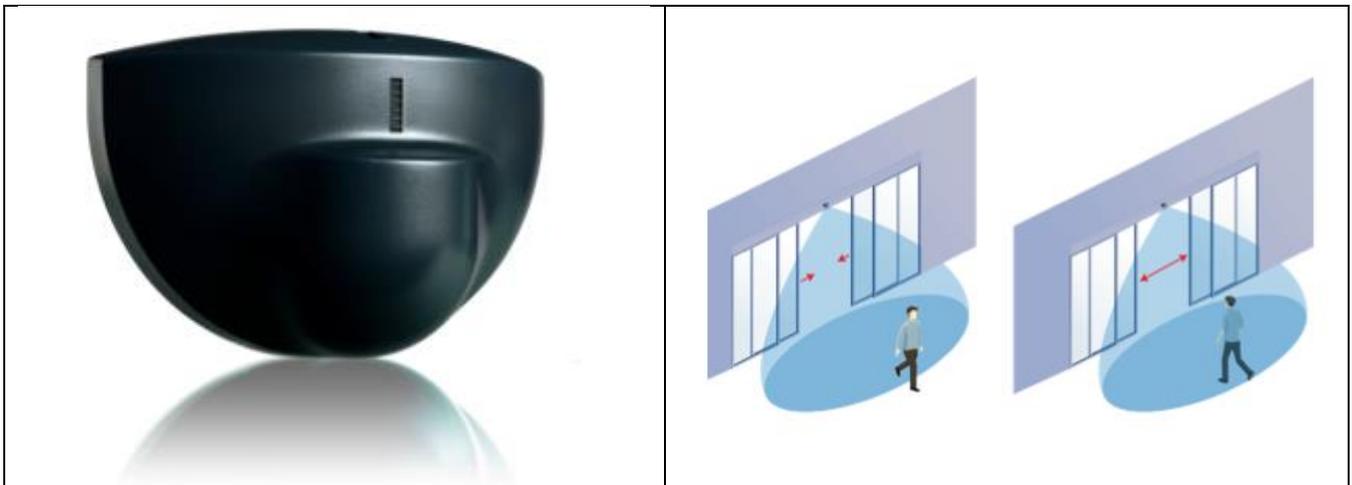
BEA ARCHITECTURAL SPECIFICATION SHEET Automatic Door Solutions: Eagle Activation Sensor

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



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Member
AAADM American Association of
Automatic Door Manufacturers

A HALMA COMPANY



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 ±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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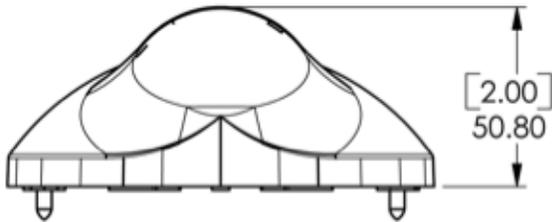
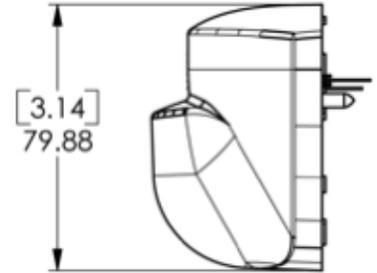
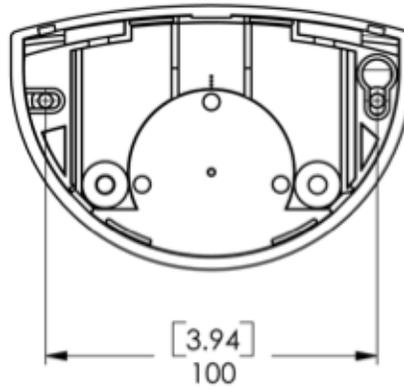
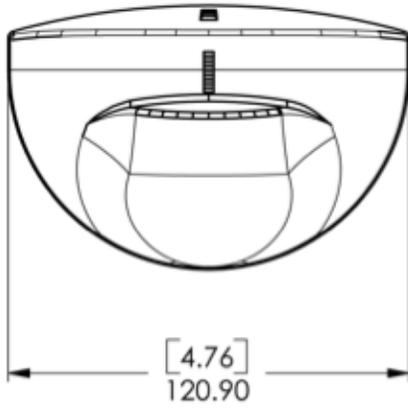


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Dimensions:



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