



## BEA Architectural Specification Sheet Automatic and Industrial Door Solutions: Superscan

### Product Specifications

**Presence Sensor for Swinging, Folding and Revolving Doors: Provide a door-mounted automatic entrance door sensor capable of providing presence detection via distance measuring triangulation.**

1. Mounting range capabilities:
  - a. Mounting Height: Up to 9ft. (108 in.) (274.32 cm) above finished floor
2. Thermal range requirements: -30° F to 140° F (-1 ° C to 60 °C)
3. Each module within the sensor housing shall detect a 28" (50.8 cm) minimum high person. The sensor shall be mounted at the top rail of the door(s) – mid-rail mounted (or equivalent) devices shall not be acceptable. The sensor, upon detection, shall provide a relay output to serve as a switch to stop, slow, or reverse the door action. The sensor shall utilize a master and slave module configuration – up to 9 slave modules may be added to accommodate wide doors.
4. The door-mounted sensor provides protection during door travel. The sensor utilizes a "distance measurement" method of detection, and thus is not susceptible to false detections due to ever-changing background environments.
5. Sensor Dimensions: Available in widths from 13" to 102" W x 1.89" H x 1.95" D (33.02 cm to 259.08 cm W x 4.80 cm H x 5.0 cm D) (width to suit door size).
6. Finish: Black anodized aluminum extrusion with black ABS end-caps.

Note: The Superscan may be used as an additional safety and/or secondary activation sensor when applied to low-energy door applications utilizing "Knowing Act" devices, such as wall switches. The sensor, upon detection, shall provide a relay output to serve as a switch to stop, slow, or reverse the door action.

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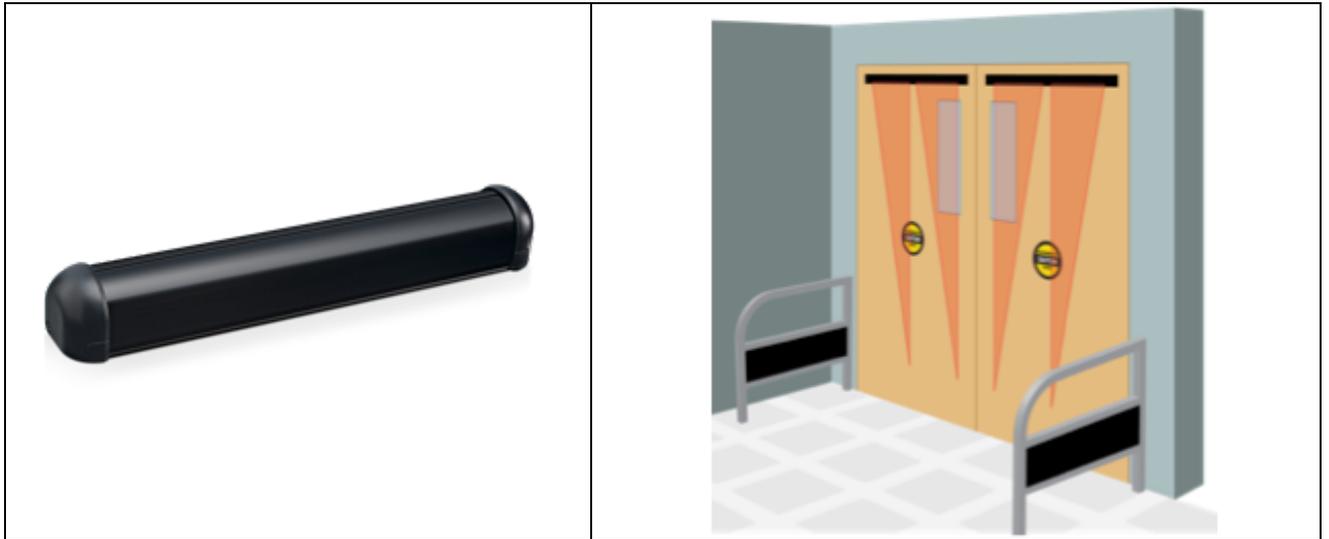
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## Product image and Application Photo



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### Technical Specs:

<b>Technology</b>	Focused Active Infrared
<b>Detection Mode</b>	Presence
<b>Measurement of Distance</b>	Triangulation
<b>Temperature Range</b>	-30° F to 140° F (-35° C to 60° F)
<b>Adjustable Detection Range</b>	2 ft to 9 ft
<b>Supply Voltage</b>	12 to 24 VAC / VDC; ±10%
<b>Relay Hold Time</b>	
<b>Potentiometer Range</b>	0.1 s to 4.5 s

<b>Output Maximum Contact Rating</b>	Single Relay 1 A @ 30 V (resistive)
<b>Hold Time</b>	0.1 to 4.5 seconds
<b>Response Time</b>	< 50 ms
<b>Material</b>	Aluminum, ABS plastic / acrylic
<b>Housing Color</b>	Dark Bronze Anodized
<b>Maximum Number of Modules</b>	1 – 10; 1 Master + up to 9 Slaves
<b>Degree of Protection</b>	IP53
<b>Detection Signal Duration</b>	Infinite Presence Detection

### Dimensions:

#### LENGTHS:

- 10SSI13 - 330mm (13 in)
- 10SSI - 876mm (34.5 in)
- 10SSII - 876mm (34.5 in)
- 10SSIII - 876mm (34.5 in)
- 10SSII40 - 1013mm (40 in)
- 10SSII42 - 1067mm (42 in)

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