



## BEA ARCHITECTURAL SPECIFICATION SHEET

### Automatic Door Solutions: IXIO-ST

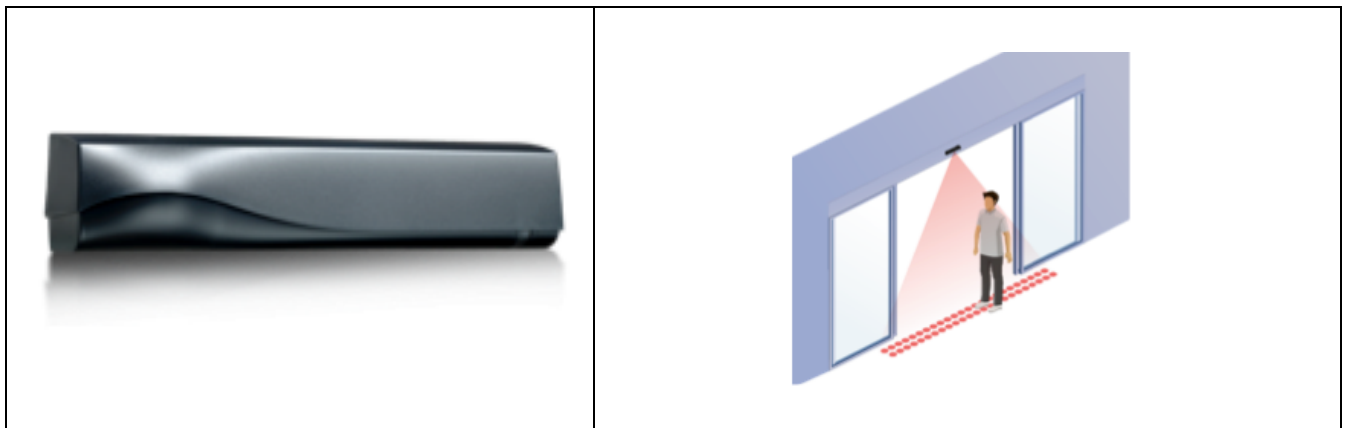
### Product Specifications

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Safety Sensor for Sliding/Telescopic Doors

1. Mounting Range Capabilities:
  - a. Mounting Height Standard: 78 in. to 138 in. (198.12 cm to 350.52 cm)
2. Thermal Range Requirements: Provide sensor that can be used in all climates, allow for thermal range from -14°F to 131°F (-10°C to 55°C).
3. Infrared curtains shall have angle adjustment capability from -7 ° to 4° and shall be capable of reaching within 2 inches (5.1 cm) of the face of the sliding door. The infrared curtains shall not shut off at any door position. The presence detection shall consist of two (2) curtains with a total of 48 infrared spots and shall be used for the purpose of pedestrian detection, along the door opening, on both sides of the door.
  - a. Infrared portion of the sensor shall be able to detect a motionless 28 in. (71.1cm) High x 12 in. (30.5cm) Wide x 8 in. (20.3cm) Deep test object for a minimum of 30 seconds.
  - b. Presence (Infrared pattern): The infrared field shall be adjusted via a shutter and provide at least 4 different patterns widths with a minimum of 42 in. (106.68 cm) when mounted at 86 in. (218.44 cm) and a maximum width of 138 in. (350.52 cm) when mounted at 138 in. (350.52 cm).
  - c. Infrared Automatic Learn time: Factory setting for "learn mode" to be compliant per ANSI 156.10 minimum learn time of 30 seconds. Auto learn modes capable to be adjustable to infinity.
4. Sensor shall provide visible spots to verify placement of infrared field.
5. Sensor shall be fully adjustable by remote control and LCD display and provide a means to prevent unauthorized adjustments.
6. Sensor shall have internal monitoring for fault conditions and provide for a means of external monitoring by door control.
7. Product shall be installed by a technician who is AAADM certified

### Product Image and Application Photo



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100 Enterprise Drive  
Pittsburgh, PA 15275-1213

Phone: 1.800.52v3.2462  
Fax: 1.888.523.2462



Member  
AAADM American Association of  
Automatic Door Manufacturers

A HALMA COMPANY



## Technical Specs:

<b>Technology</b>	Infrared
<b>Detection mode</b>	Presence
<b>Transmitter Frequency</b>	N/A
<b>Transmitter Radiated Power</b>	N/A
<b>Transmitter Power Density</b>	N/A
<b>Spot Size</b>	2 in × 2 in (5.1 cm x 5.1 cm)
<b>Max. Number of Spots</b>	24 per curtain
<b>Max. Number of Curtains</b>	2
<b>Supply Voltage</b>	12 to 24 VAC 50/60 Hz 12 to 30 VDC
<b>Output</b>	Solid-state-relay (potential and polarity free)

<b>Max. Contact Current</b>	400 mA
<b>Max. Contact Voltage</b>	42 VDC
<b>Adjustable hold time</b>	Infrared: 0.3 or 1 sec.
<b>Power Consumption</b>	< 2.5 W
<b>Mounting Height</b>	78 in. – 138 in. (198.2 cm to 350.52 cm)
<b>Temperature Range</b>	Sensor: -31°F to +131°F (-35°C to 55°C) LCD: 14°F to +131°F (-10°C to 55°C) 0 to 95% relative humidity, non-condensing
<b>Protection Degree</b>	IP54
<b>Norm Conformity</b>	R&TTE 1999/5/EC; EMC 2004/108/EC; MD 2006/42/EC; RoHS 2002/95/EC
<b>Cable Length</b>	120 in (304.8 cm)

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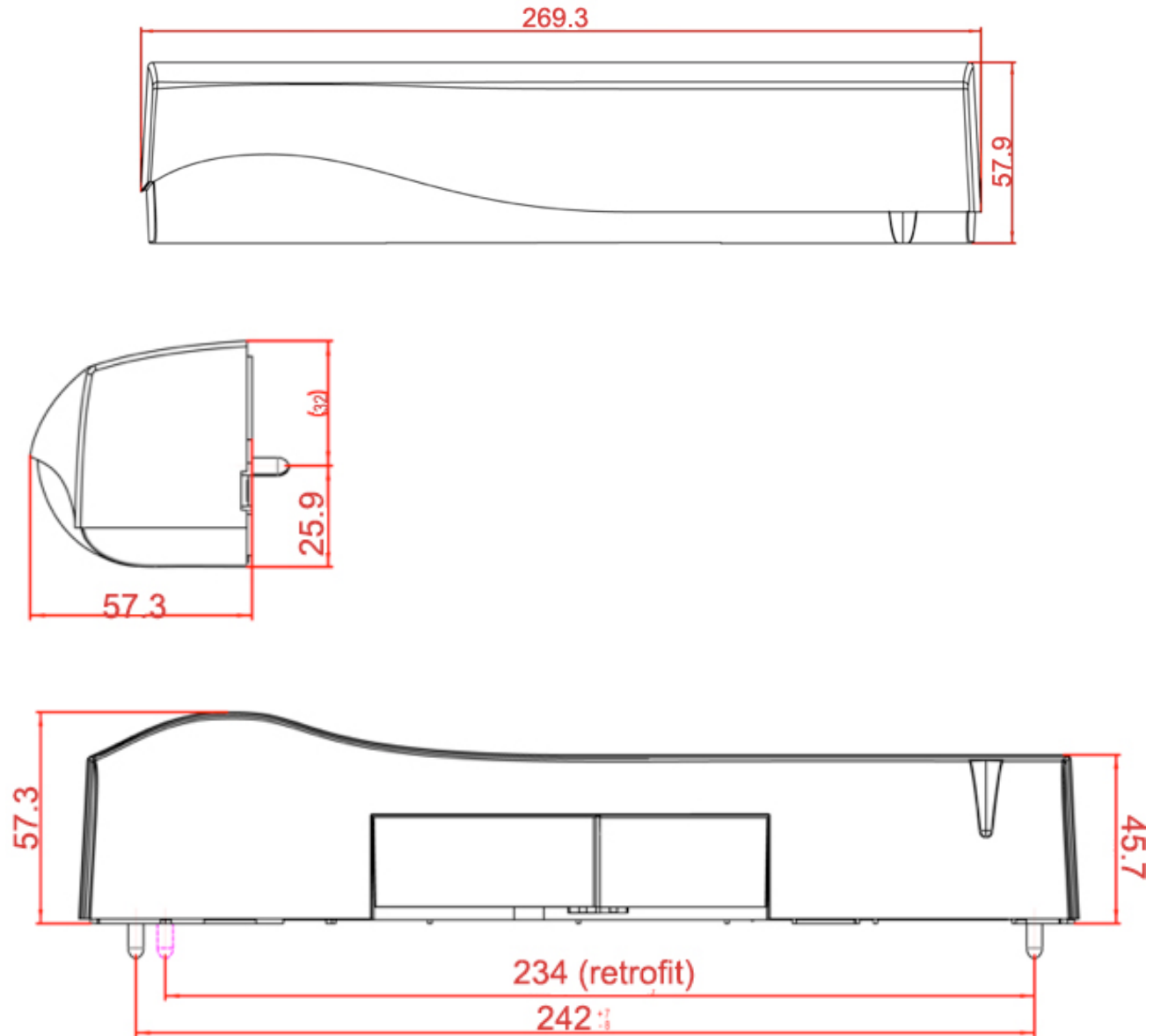
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## Dimensions:



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