

BEA ARCHITECTURAL SPECIFICATION SHEET

Automatic Door Solutions: IXIO-ST

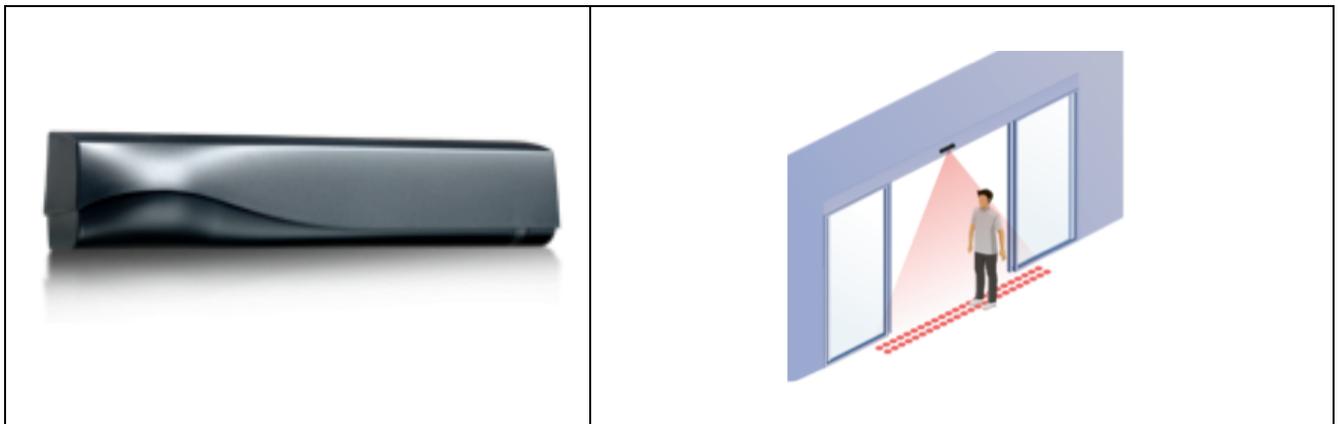
Product Specifications

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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 patters 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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AAADM American Association of
Automatic Door Manufacturers

A HALMA COMPANY



Technical Specs:

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

Max. Contact Current	400 mA
Max. Contact Voltage	42 VDC
Adjustable hold time	Infrared: 0.3 or 1 sec.
Power Consumption	< 2.5 W
Mounting Height	78 in. – 138 in. (198.2 cm to 350.52 cm)
Temperature Range	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
Protection Degree	IP54
Norm Conformity	R&TTE 1999/5/EC; EMC 2004/108/EC; MD 2006/42/EC; RoHS 2002/95/EC
Cable Length	120 in (304.8 cm)

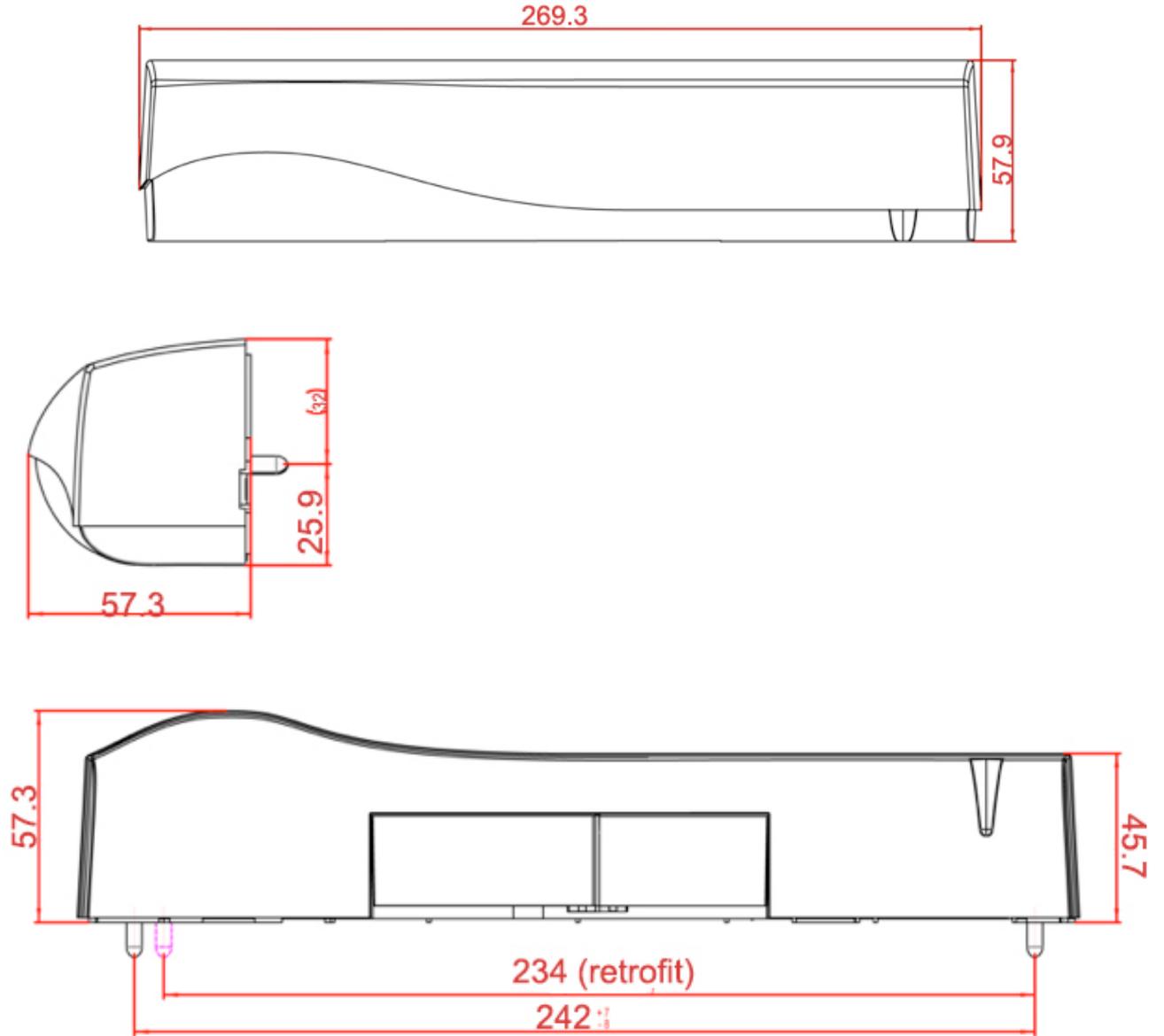
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Dimensions:



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