



# IXIO-ST

PRESENCE SENSOR FOR  
AUTOMATIC INDUSTRIAL DOORS

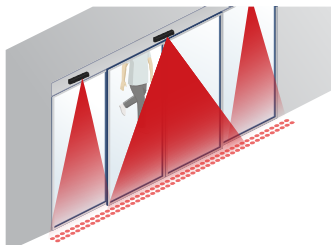
## DESCRIPTION

BEA's **IXIO-ST** is an effective, versatile and easy-to-use presence sensor for automatic sliding doors. It can be used for both clear door openings and side-lite protection.

Precise infrared curtains coupled with visible alignment beams make the **IXIO-ST** extremely safe and easy to adjust. This state-of-the-art sensor features an on-board LCD screen that streamlines the installation and setup processes.

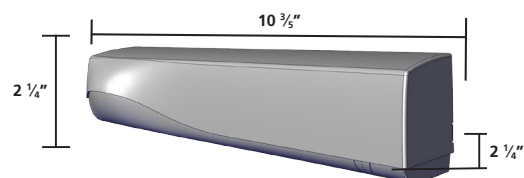
The **IXIO-ST** can be adjusted into an ANSI compliant solution and has earned a comprehensive list of credentials and certifications, including FCC and IP54.

## APPLICATIONS



Dual Slide with Sidelite Protection

## DIMENSIONS



## TECHNICAL SPECIFICATIONS

### TECHNOLOGY / PERFORMANCE

<b>Detection mode</b>	Presence typical response time: < 200 ms (max: 500 ms)
<b>Technology</b>	Active infrared with background analysis Spot: 2" x 2" (typ) Number of spots: max. 24 per curtain Number of curtains: 2
<b>Mounting height:</b>	6'6" – 11'6" local regulations may impact acceptable mounting height (pedestrian applications only)
<b>Sensor temperature range:</b>	-13 – 131 °F * 0 – 95% relative humidity, non-condensing  LCD screen is operational from 14 – 131 °F. The sensor may still be programmed in colder temperatures, but with the remote control.

### ELECTRICAL

#### Output

<b>Relay 1</b>	Electromechanical relay (potential and polarity free) Max. contact current: 1 A Max. contact voltage: 30 VAC Adjustable hold time: 0.5 – 9 s
<b>Relay 2</b>	Solid-state relay (potential and polarity free) Max. contact current: 100 mA Max. contact voltage: 42 VDC / 30 VAC

<b>Test/Monitoring input:</b>	Sensitivity: Low: < 1 V High: > 10 V (max. 30 V)  Response time on test request: typical < 5 ms
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<b>Supply voltage:</b>	12 – 24 VAC ±10% 12 – 30 VDC ±10%  to be operated from SELV-compatible power supplies only
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<b>Power consumption:</b>	< 2.5 W
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<b>Noise:</b>	< 70 dB
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### PHYSICAL

<b>Degree of protection:</b>	IP54
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### COMPLIANCE

<b>Compliance:</b>	ISO 13849 PL «c» CAT. 2 (under the condition that the door control system monitors the sensor at least once per door cycle)
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