



# IXIO-ST

PRESENCE SENSOR FOR  
AUTOMATIC SLIDING DOORS



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## TECHNOLOGY



## CERTIFICATIONS

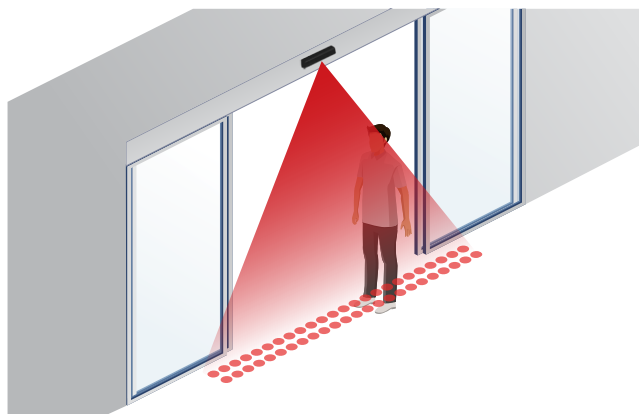


## DESCRIPTION

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.



### Precise Presence Detection

Two 24-spot, high-density, infrared safety curtains providing precise presence detection

### Easily Adjustable

Four visible red alignment spots are projected on the ground to assist in precise IR curtain adjustment

### Ease Of Setup

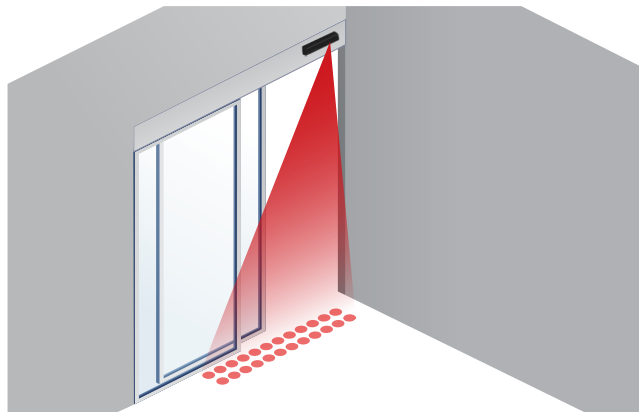
Intelligent programming and troubleshooting via a menu-driven LCD

### Intelligent Solution

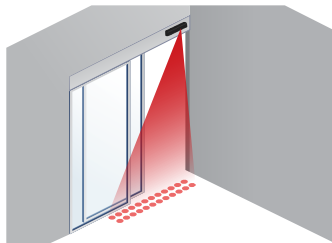
On board microprocessor optimizes data analysis, monitors sensor performance and enables system integration

### Standards Compliant

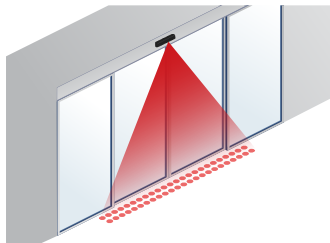
Fully monitored internally, capable of external monitoring



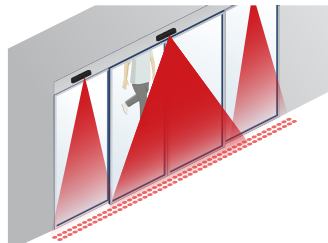
## APPLICATIONS



Single Slide



Dual Slide



Dual Slide With Side Lite Protection

## 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

<b>Output</b>	
Relay 1	Electromechanical relay (potential and polarity free) Max. contact current: 1 A Max. contact voltage: 30 VAC Adjustable hold time: 0.5 – 9 s
Relay 2	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
<b>Supply voltage:</b>	12 – 24 VAC ±10% 12 – 30 VDC ±10%  to be operated from SELV-compatible power supplies only
<b>Power consumption:</b>	< 2.5 W
<b>Noise:</b>	< 70 dB

### 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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## PRODUCT SERIES



**10IXIOST**  
Presence sensor



**10IMB**  
Mounting bracket  
adapter



**10OURA**  
Universal rain accessory



**10ICA**  
Flush mount ceiling  
adapter



**10RETROFITSPACER**  
Retrofit Spacer Kit -  
includes spacer, 2.5" harness,  
and 9" harness



**35.1609**  
Black replacement  
cover



**10MINIBRACKET**  
Short adjustable  
mounting bracket



**10REMOTE**  
BEA universal remote  
control

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