



IXIO-ST

PRESENCE SENSOR FOR
AUTOMATIC SLIDING DOORS

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TECHNOLOGY



CERTIFICATIONS

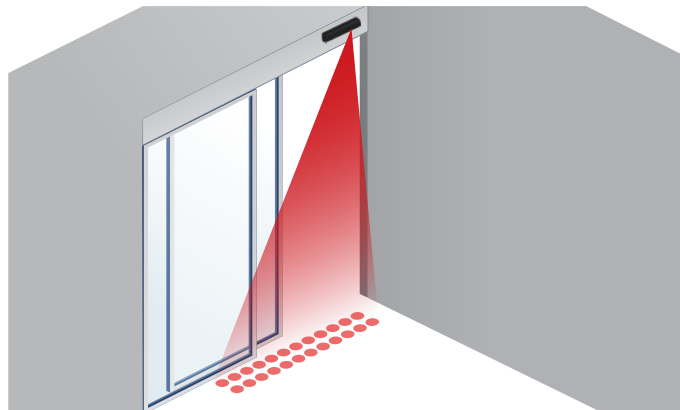


DESCRIPTION

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

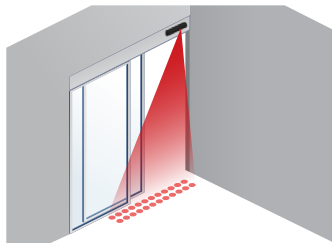
Intelligent Solution

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

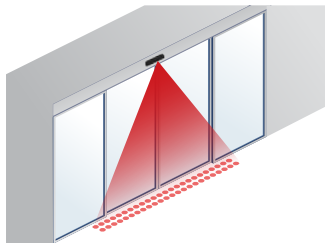
Standards Compliant

Fully monitored internally, capable of external monitoring

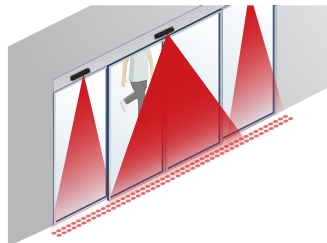
APPLICATIONS



Single Slide



Dual Slide



Dual Slide With Side Lite Protection

TECHNICAL SPECIFICATIONS

TECHNOLOGY / PERFORMANCE

Detection mode:	Presence typical response time: < 200 ms (max: 500 ms)
Technology:	Active infrared with background analysis Spot: 2" x 2" (typ) Number of spots: max. 24 per curtain Number of curtains: 2
Mounting height:	6'6" – 11'6" local regulations may impact acceptable mounting height (pedestrian applications only)
Sensor temperature range:	-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:	
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
Test/Monitoring input:	Sensitivity: Low: < 1 V High: > 10 V (max. 30 V) Response time on test request: typical < 5 ms
Supply voltage*:	12 – 24 VAC ±10% 12 – 30 VDC ±10% to be operated from SELV-compatible power supplies only
Power consumption:	< 1.5 W
Noise:	< 70 dB

PHYSICAL

Degree of protection:	IP54
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COMPLIANCE

Compliance:	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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* External electrical sources must be within specified voltages and ensure double insulation from primary voltages

PRODUCT SERIES

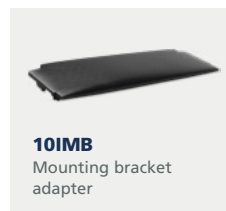


10IXIOST
Presence sensor

ACCESSORIES



10OURA
Universal rain accessory



10IMB
Mounting bracket adapter



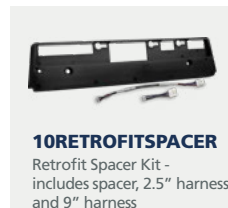
10ICA
Flush mount ceiling adapter



10CDA
Curved door accessory



10IXIOSPACER
Spacer



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



20.5349
IXIO / ULTIMO control harness



35.1609
Black replacement cover



10MINIBRACKET
Short adjustable mounting bracket

RELATED PRODUCTS

10REMOTE	Universal remote control
10PS12-24	UL / ULC Listed power supply
10PS12-24D	UL / ULC Listed power supply with backup circuit (1.75 A) <i>battery NOT included</i>
10PSMDR2024	DIN rail power supply, 100 – 240 VAC / 24 VDC
10PSST242	Plug-in power supply
10PSVR5T	Voltage regulator, 24 VAC / 24 VDC

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