



IXIO-ST

PRESENCE SENSOR FOR
AUTOMATIC SLIDING DOORS

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TECHNOLOGY



CERTIFICATIONS

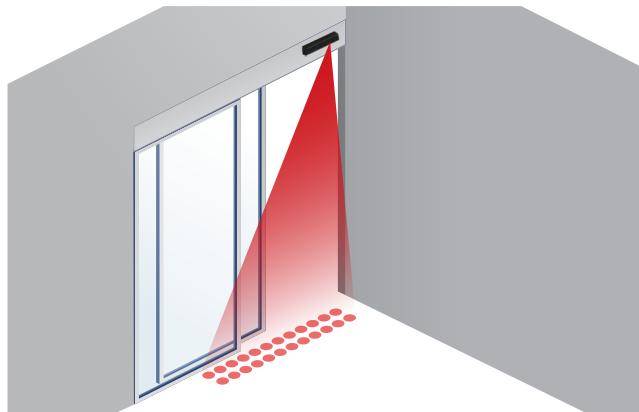
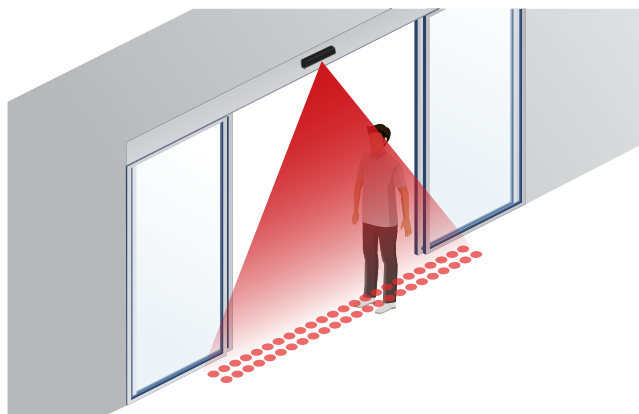


DESCRIPTION

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

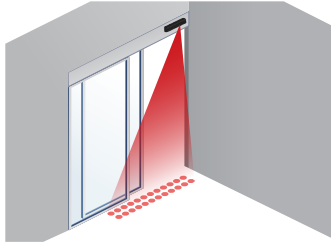
Intelligent Solution

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

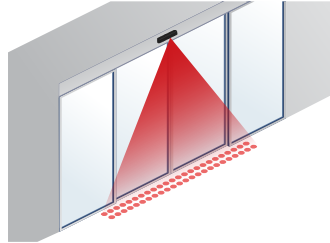
Standards Compliant

Fully monitored internally, capable of external monitoring

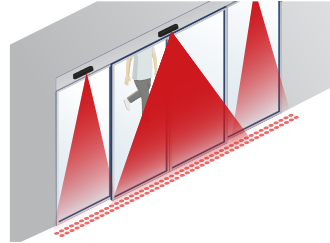
APPLICATIONS



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:	< 2.5 W
Noise:	< 70 dB

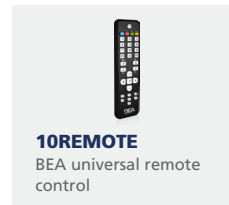
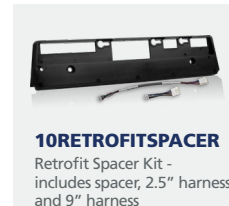
PHYSICAL

Degree of protection: IP54

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)

PRODUCT SERIES



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