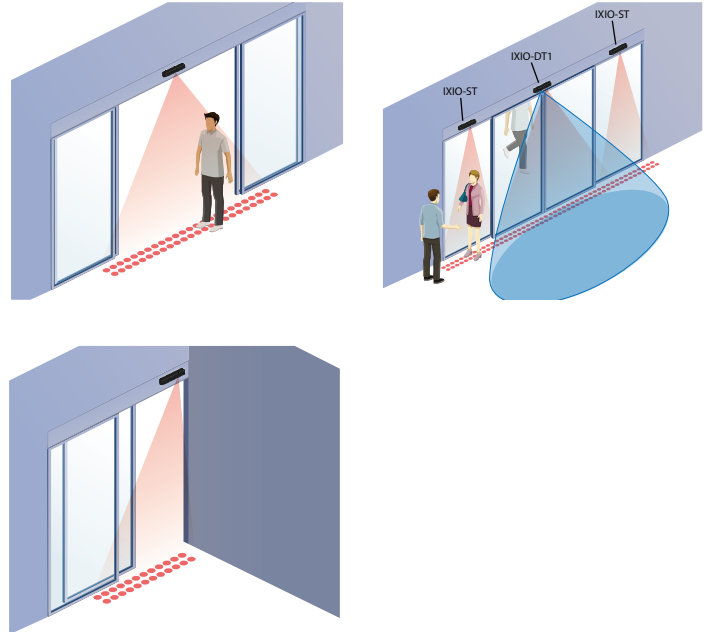


IXIO-ST

PRESENCE SENSOR FOR AUTOMATIC SLIDING DOORS



PRIMARY APPLICATIONS



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.

FEATURES & BENEFITS

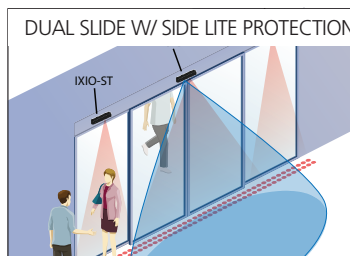
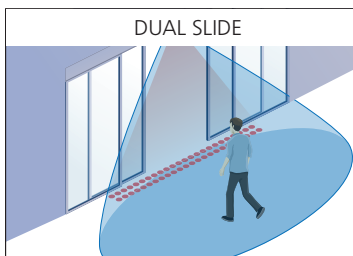
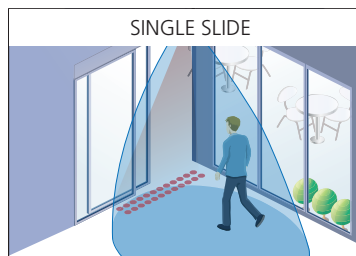
- Two 24-spot, high-density, infrared safety curtains providing precise presence detection
- Four visible red alignment spots are projected on the ground to assist in precise IR curtain adjustment
- Intelligent programming and troubleshooting via a menu-driven LCD
- On-board microprocessor optimizes data analysis, monitors sensor performance and enables system integration
- Fully monitored internally, capable of external monitoring
- 360 inch (30 ft) cable for larger / higher doors



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RIDC Park West
100 Enterprise Drive
Pittsburgh, PA 15275-1213

Customer Service: 800.523.2462
Technical Support: 800.407.4545
www.BEAinc.com

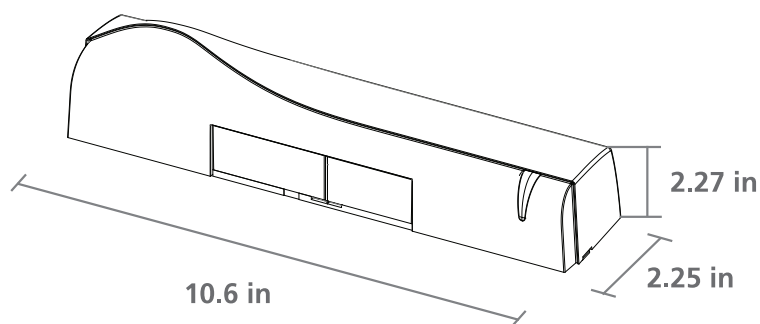
APPLICATIONS



TECHNICAL SPECIFICATIONS

Technology	Active Infrared	
Detection Mode	Presence	
Spot Size	2 in x 2 in	
Max. Number of Spots	24 per curtain	
Max. Number of Curtains	2	
Output Relays	Electro-mechanical-relay (potential and polarity free)	Solid-state-relay (potential and polarity free)
Max. Contact Current	1 A	400 mA
Max. Contact Voltage	30 VDC	42 VDC
Hold Time	0.5 s – 9 s	0.3 s – 1 s
Test Input	N/A	Sensitivity: Low: < 1 V; High: > 10 V (max. 30 V) Response time on test request: typical: < 5 ms
Supply Voltage	12 – 24 VAC $\pm 10\%$; 12 – 30 VDC $\pm 10\%$ (to be operated from SELV compatible power supplies only)	
Power Consumption	< 2.5 W	
Mounting Height	78 in – 138 in (6.5 ft – 11.5 ft)	
Temperature Range	–13 °F – 131 °F 0 – 95% relative humidity, non condensing	
Degree of Protection	IP54	
Applicable Directives	R&TTE 1999 / 5 / EC; EMC 2004 / 108 / EC; MD 2006 / 42 / EC; RoHS 2002 / 95 / EC	
Dimensions	10.6 in (W) x 2.27 in (H) x 2.25 in (D)	
Cable Length	120 in (10 ft)	
Norm Conformance	EN 12978, EN ISO 13849-1:2008 PL <<<>> CAT.2 (under the condition that the door control system monitors the sensor at least once per door cycle) IEC 61496-1:2012 ESPE Type 2 EN 16005: 2012 Chapter 4.6.8; DIN 18650-1:2010 Chapter 5.7.4 BS 7036-1:1996 Chapter 8.1	

DIMENSIONAL DRAWINGS



RELATED PRODUCTS



10IXIOST
PRESENCE
SENSOR



10IXIODT1
DUAL TECHNOLOGY
SENSOR



10IMB
MOUNTING BRACKET
ADAPTER



10IRA
RAIN
ACCESSORY



10ICA
FLUSH MOUNT
CEILING ADAPTER



35.1345
BLACK REPLACEMENT
COVER



35.1303
SILVER REPLACEMENT
COVER



35.1302
WHITE REPLACEMENT
COVER



10REMOTE
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REMOTE CONTROL

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IXIO-ST

PRESENCE SENSOR FOR AUTOMATIC SLIDING DOORS

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