

IXIO-ST

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PRESENCE SENSOR FOR AUTOMATIC SLIDING DOORS

AAADM



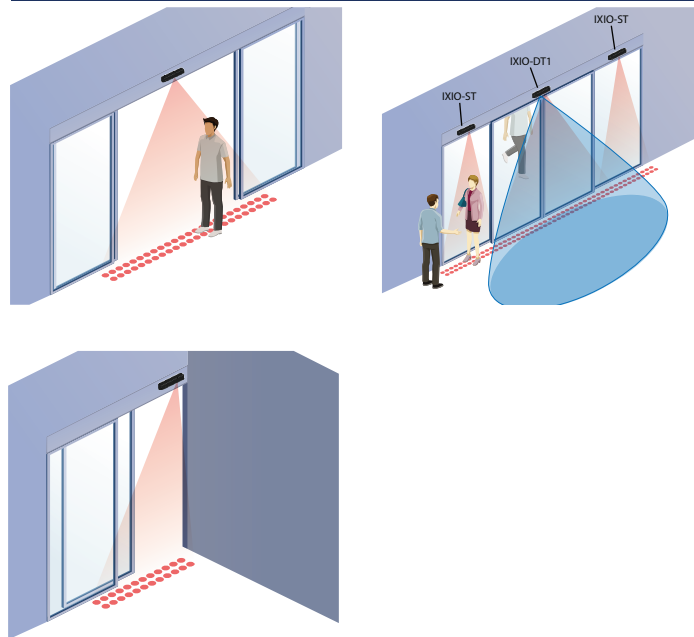
ANSI

DHI
Door Security +
Safety Professionals

FCC



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.

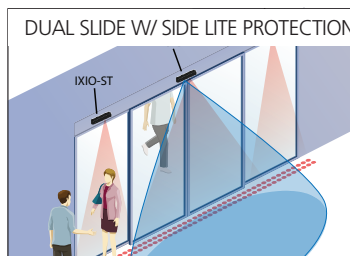
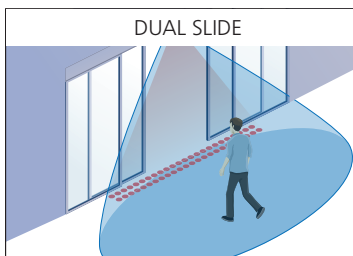
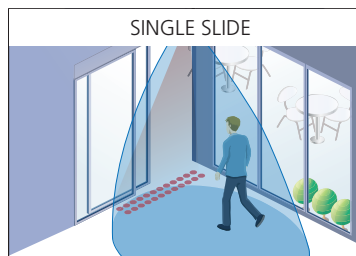
FEATURES & BENEFITS

- 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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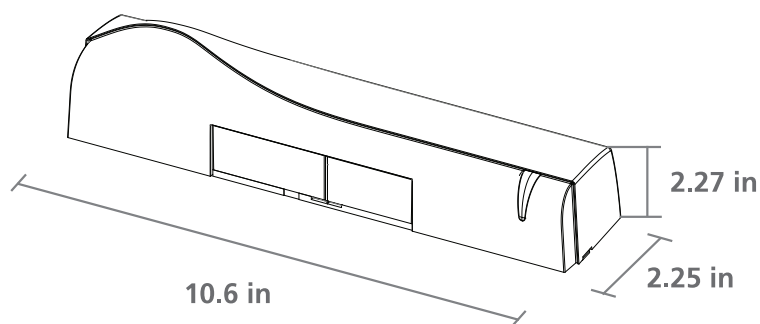
APPLICATIONS



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



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SENSOR



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