

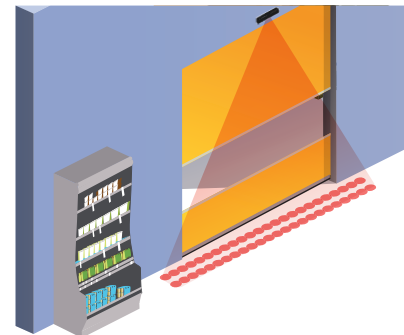
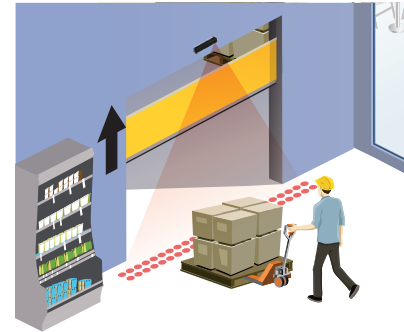
# IXIO-ST INDUSTRIAL

WWW.DOORSENSORS.COM

## PRESENCE SENSOR FOR SMALL INTERIOR INDUSTRIAL DOORS



### PRIMARY APPLICATIONS



### DESCRIPTION

BEA's IXIO-ST Industrial is an effective, versatile and easy-to-use presence sensor for interior industrial doors, automatic sliding doors and off-door industrial automation. 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 Industrial 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 Industrial has earned a comprehensive list of credentials and certifications, including FCC and IP54.

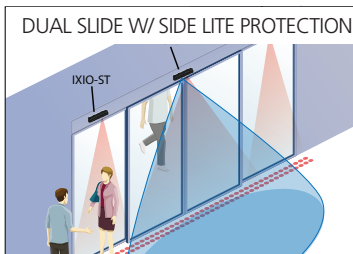
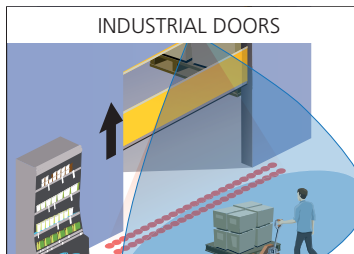
### FEATURES & BENEFITS

- 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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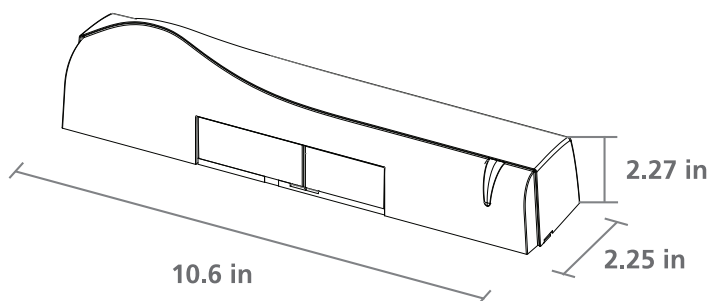
## APPLICATIONS



## TECHNICAL SPECIFICATIONS

<b>Technology</b>	Active Infrared	
<b>Detection Mode</b>	Presence	
<b>Spot Size</b>	2 in x 2 in	
<b>Max. Number of Spots</b>	24 per curtain	
<b>Max. Number of Curtains</b>	2	
<b>Output Relays</b>	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 – 9 s	0.3 – 1 s
<b>Test Input</b>	N/A	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>Mounting Height</b>	78 in – 138 in (6.5 ft – 11.5 ft)	
<b>Temperature Range</b>	–13 °F – 131 °F 0 – 95% relative humidity, non condensing	
<b>Degree of Protection</b>	IP54	
<b>Applicable Directives</b>	R&TTE 1999 / 5 / EC; EMC 2004 / 108 / EC; MD 2006 / 42 / EC; RoHS 2002 / 95 / EC	
<b>Dimensions</b>	10.6 in (W) x 2.27 in (H) x 2.25 in (D)	
<b>Cable Length</b>	360 in (30 ft)	
<b>Norm Conformance</b>	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



**10IXIOSTINDUS**  
PRESENCE  
SENSOR



**10IXIOST**  
PRESENCE  
SENSOR



**10IMB**  
MOUNTING BRACKET  
ADAPTER



**10IRA**  
RAIN  
ACCESSORY



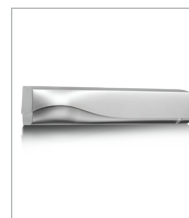
**10ICA**  
FLUSH MOUNT  
CEILING ADAPTER



**35.1286**  
BLACK REPLACEMENT  
COVER



**35.1303**  
SILVER REPLACEMENT  
COVER



**35.1302**  
WHITE REPLACEMENT  
COVER



**10MINIBRACKET**  
SHORT ADJUSTABLE  
MOUNTING BRACKET



**10REMOTE**  
BEA UNIVERSAL  
REMOTE CONTROL

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