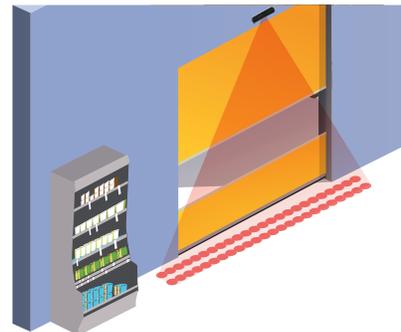
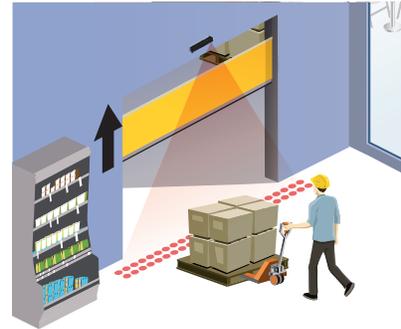


# IXIO-ST INDUSTRIAL

## 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

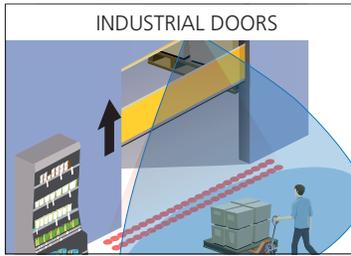
- Two 24-spot, high-density, infrared safety curtains providing precise presence detection
- Four visible red alignment spots are projected on the ground to assist in precise IR curtain adjustment
- Intelligent programming and troubleshooting via a menu-driven LCD
- On board microprocessor optimizes 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



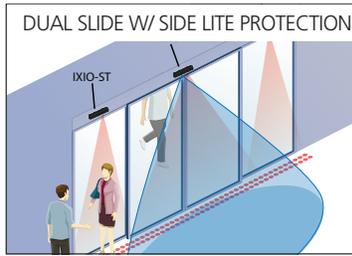
BEA, Inc.  
RIDC Park West  
100 Enterprise Drive  
Pittsburgh, PA 15275-1213

Customer Service: 800.523.2462  
Technical Support: 800.407.4545  
[www.BEAinc.com](http://www.BEAinc.com)

## APPLICATIONS



INDUSTRIAL DOORS

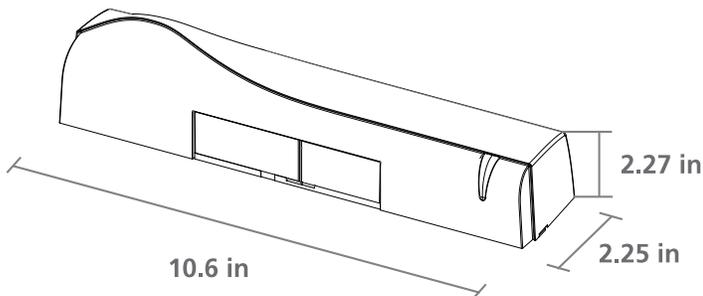


DUAL SLIDE W/ SIDE LITE PROTECTION

## 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



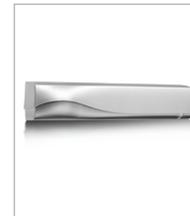
10ICA  
FLUSH MOUNT  
CEILING ADAPTER



35.1345  
BLACK REPLACEMENT  
COVER



35.1303  
SILVER REPLACEMENT  
COVER



35.1302  
WHITE REPLACEMENT  
COVER



10MINIBRACKET  
SHORT ADJUSTABLE  
MOUNTING BRACKET



10REMOTE  
BEA UNIVERSAL  
REMOTE CONTROL

www.BEAinc.com

© 2019 BEA, Inc. All rights reserved.

IXIO-ST INDUSTRIAL

PRESENCE SENSOR FOR SMALL INTERIOR INDUSTRIAL DOORS

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

Customer Service: 800.523.2462  
Technical Support: 800.407.4545

