IXIO-ST INDUSTRIAL
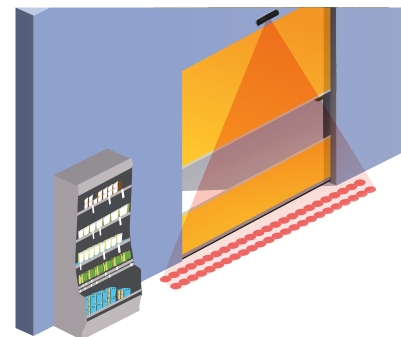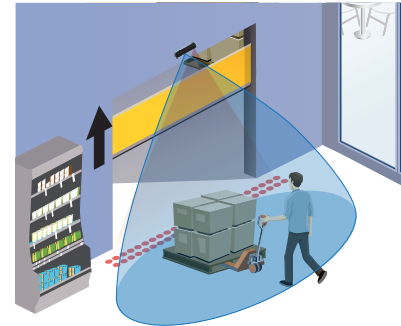
SAFETY SENSOR FOR SMALL INTERIOR INDUSTRIAL DOORS

DESCRIPTION

BEA's IXIO-ST Industrial is an effective, versatile and easy-to-use safety 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.
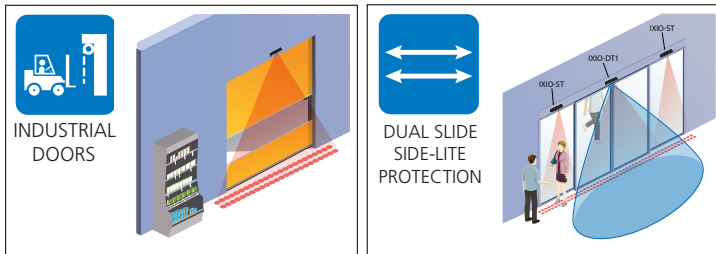
Precise infrared curtains coupled with visible alignment beams make the IXIO-ST Industrial extremely safe and easy to adjust. This state-of-the-art sensor features an on-board LCD screen that streamlines the installation and setup processes.

The IXIO-ST Industrial has earned a comprehensive list of credentials and certifications, including UL, 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

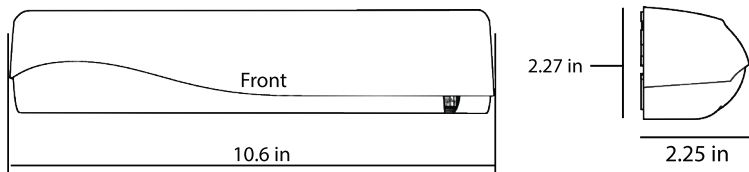- 360 inch (30 ft) cable for larger/higher doors

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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

APPLICATIONS

INDUSTRIAL DOORS

DUAL SLIDE SIDE-LITE PROTECTION

TECHNICAL SPECIFICATIONS

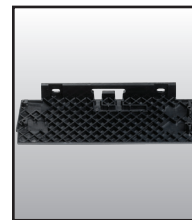|	Auxilary Relay	Active Infrared
Technology	Auxilary Relay	Active Infrared
Detection Mode	Motion	Presence
Transmitter Frequency	24.150 GHz	N/A
Transmitter Radiated Power	< 20 dBm EIRP	N/A
Transmitter Power Density	< 5 mW/cm²	N/A
Spot Size	N/A	2 in × 2 in
Max. Number of Spots	N/A	24 per curtain
Max. Number of Curtains	N/A	2
Output	Electro-mechanical-relay (potential and polarity free)	Solid-state-relay (potential and polarity free)
Max. Contact Power	15 Watts	N/A
Max. Contact Current	1 A	400 mA
Max. Contact Voltage	30 VDC	42 VDC
Hold Time	Auxilary Relay: 0.5 to 9 s (user adjustable)	Infrared: 0.3 s if < 4 s*, 1 s if ≥ 4 s* (*if in detection for)
Test Input	N/A	Sensitivity: Low:<1 V; High:> 10V (max.30V) Response time on test request: typical:<5ms
Supply Voltage	12 to 24 VAC 50/60 Hz 12 to 30 VDC	
Power Consumption	< 2.5 W	
Mounting Height	78 in - 138 in (6.5 ft – 11.5 ft)	
Temperature Range	Sensor: -31°F to +131°F LCD: 14°F to +131°F 0 to 95% relative humidity, non condensing	
Degree of Protection	IP54	
Norm Conformance	R&TTE 1999/5/EC; EMC 2004/108/EC; MD 2006/42/EC; RoHS 2002/95/EC	
Dimensions (D x W x H)	2.25 in x 10.6 in x 2.27 in	
Cable Length	360 in (30 ft)	

RELATED PRODUCTS

10IXIODT1 INDUS
DUAL TECHNOLOGY INDUSTRIAL SENSOR

10IXIODT1V
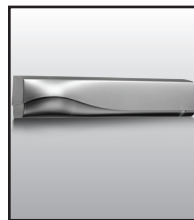DUAL TECHNOLOGY SENSOR WITH VIDEO

10IMB
MOUNTING BRACKET ADAPTER

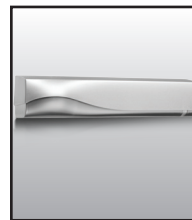
10IRA
RAIN ACCESSORY

10ICA
FLUSH MOUNT CEILING ADAPTER
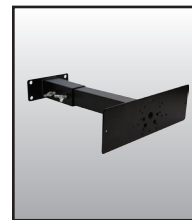

35.1286
BLACK REPLACEMENT COVER

35.1303
SILVER REPLACEMENT COVER

35.1302
WHITE REPLACEMENT COVER

10MINIBRACKET
SHORT ADJUSTABLE MOUNTING BRACKET

10REMOTE
BEA UNIVERSAL REMOTE CONTROL

DIMENSIONAL DRAWINGS

Front

10.6 in

2.27 in

2.25 in

IXIO-ST INDUSTRIAL SAFETY SENSOR FOR SMALL INTERIOR INDUSTRIAL DOORS

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