



# IXIO-ST INDUSTRIAL

PRESENCE SENSOR FOR SMALL  
INTERIOR INDUSTRIAL DOORS



## PRODUCT



[Go to the product page](#)

## TECHNOLOGY



## CERTIFICATIONS



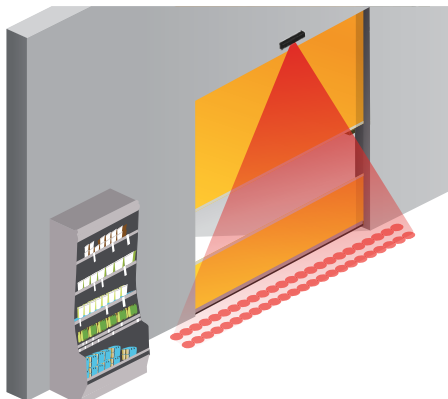
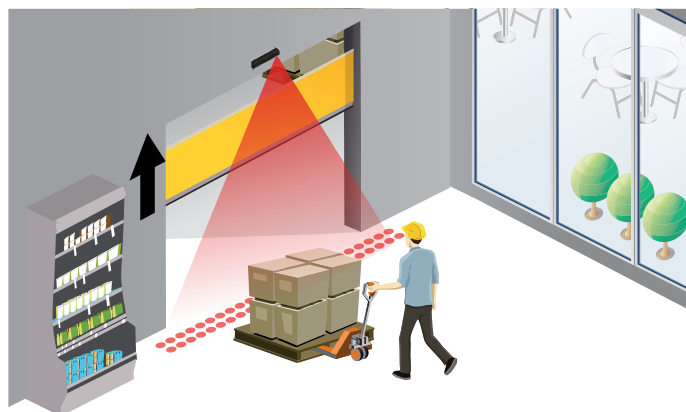
## DESCRIPTION

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.



## Precise Presence Detection

Two 24-spot, high-density, infrared safety curtains providing precise presence detection

## Easily Adjustable

Four visible red alignment spots are projected on the ground to assist in precise IR curtain adjustment

## Ease Of Setup

Intelligent programming and troubleshooting via a menu-driven LCD

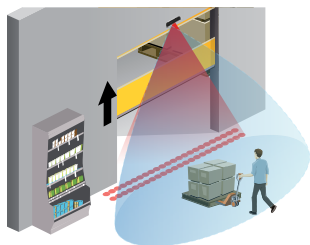
## Intelligent Solution

On board microprocessor optimizes data analysis, monitors sensor performance and enables system integration

## Standards Compliant

Fully monitored internally, capable of external monitoring

## APPLICATIONS



Industrial Doors



Dual Slide With Side Lite Protection

## TECHNICAL SPECIFICATIONS

<b>Technology</b>	Active Infrared
<b>Detection Mode</b>	Presence
<b>Spot Size</b>	2" x 2"
<b>Max. Number of Spots</b>	24 per curtain
<b>Max. Number of Curtains</b>	2
<b>Output</b>	Solid-state-relay (potential and polarity free)
Max. Contact Voltage	42 VAC / VDC
Max. Contact Current	400 mA
Hold Time	Infrared: 0.3 – 1 s
<b>Test Input</b>	
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>	6 ½ – 11 ½'
<b>Temperature Range*</b>	-13 – 131 °F 0 – 95% relative humidity, non condensing
<b>Degree of Protection</b>	IP54
<b>Applicable Directives</b>	R&TTE 1999 / 5 / EC; LVD 2006 / 95 / EC; MD 2006 / 42 / EC; ROHS 2 2011 / 65 / EU
<b>Dimension</b>	10 ¾" (W) x 2 ¼" (H) x 2 ¼" (D)
<b>Cable Length</b>	30'
<b>Norm Conformity</b>	ISO 13849-1:2008 PL «C» 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

\*LCD screen is operational from 14 – 131 °F. The sensor may still be programmed in colder temperatures, but with the remote control.

## PRODUCT SERIES



**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



**10REMOTEBEA**  
BEA universal remote  
control

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