



# IXIO-DT1

MOTION AND PRESENCE SENSOR  
FOR AUTOMATIC SLIDING DOORS



## VIDEO



[Watch the product video](#)

## TECHNOLOGY



## CERTIFICATIONS



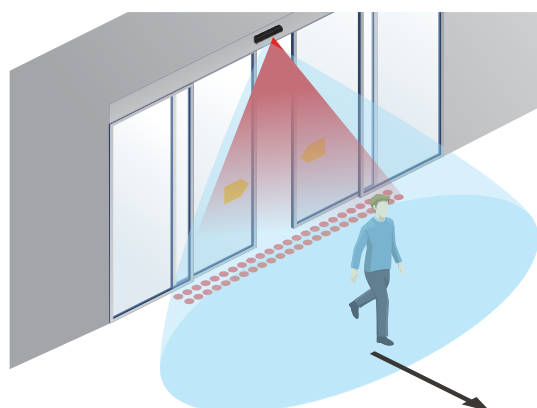
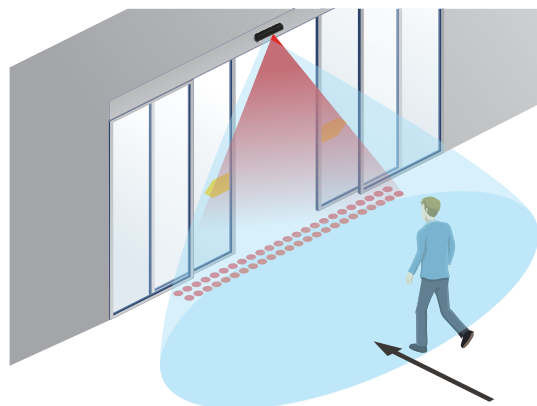
## DESCRIPTION

BEA's **IXIO-DT1** is a dual technology motion and presence sensor, combining microwave activation and infrared presence detection for the automatic sliding door industry.

This solution is highly flexible and user-friendly for sliding doors, industrial doors, vehicle gate detection and off-door automation.

The **IXIO-DT1** can be adjusted into ANSI compliance and has earned a comprehensive list of credentials and certifications, including FCC and IP54.

The **IXIO-DT1** ensures convenience, safety and energy efficiency for BEA customers and end users.



### Energy Efficient

Ten microwave activation sensitivity settings and three infrared safety immunity settings

### Enhanced Accessibility

PRM mode for applications frequently used by persons with reduced mobility (i.e. wheelchair or elderly traffic)

### 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

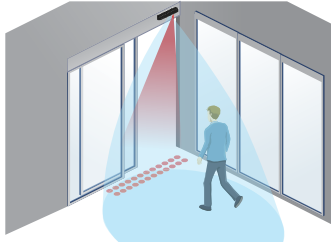
### Ease of Setup

Intelligent programming and troubleshooting via a menu-driven LCD

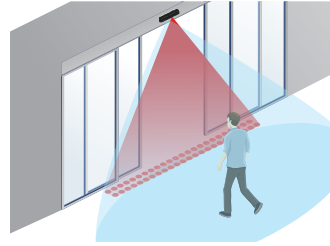
### Standards Compliant

Fully monitored internally, capable of external monitoring

## APPLICATIONS



Single Slide



Dual Slide



Dual Slide With Side Lite Protection

## TECHNICAL SPECIFICATIONS

<b>Technology</b>	Microwave Doppler Radar	Active Infrared
<b>Detection Mode</b>	Motion	Presence
<b>Transmitter Frequency</b>	24.150 GHz	N/A
<b>Transmitter Radiated Power</b>	< 20 dBm EIRP	N/A
<b>Transmitter Power Density</b>	< 5 mW / cm <sup>2</sup>	N/A
<b>Spot Size</b>	N/A	2" x 2"
<b>Max. Number of Spots</b>	N/A	24 per curtain
<b>Max. Number of Curtains</b>	N/A	2
<b>Output</b>	Electro-mechanical-relay (potential and polarity free)	Solid-state-relay (potential and polarity free)
Max. Contact Voltage	30 VDC	42 VAC / VDC
Max. Contact Current	1 A	400 mA
Hold Time	0.5 – 9 s (user adjustable)	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>	10'	
<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



**10IXIODT1**  
Dual technology sensor



**10IXIODT1V**  
Dual technology sensor with video



**10IMB**  
Mounting bracket adapter



**10IRA**  
Rain accessory



**10CDA**  
Curved door accessory



**10IXIOSPACER**  
Spacer



**10ICA**  
Flush mount ceiling adapter



**35.1345**  
Black replacement cover



**35.1303**  
Silver replacement cover



**35.1302**  
White replacement cover



**10REMOTE**  
BEA universal remote control

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