



IXIO-DT1

MOTION AND PRESENCE SENSOR
FOR AUTOMATIC SLIDING DOORS



VIDEO



[Watch the product video](#)

TECHNOLOGY



CERTIFICATIONS



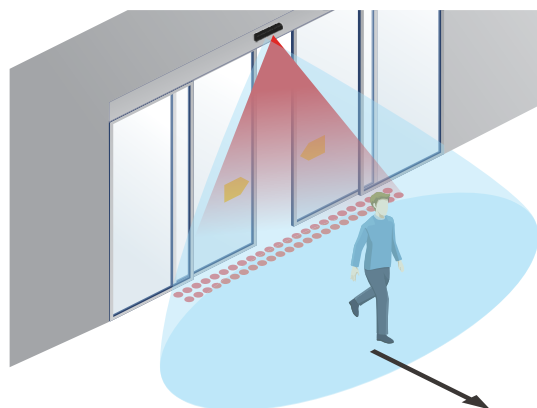
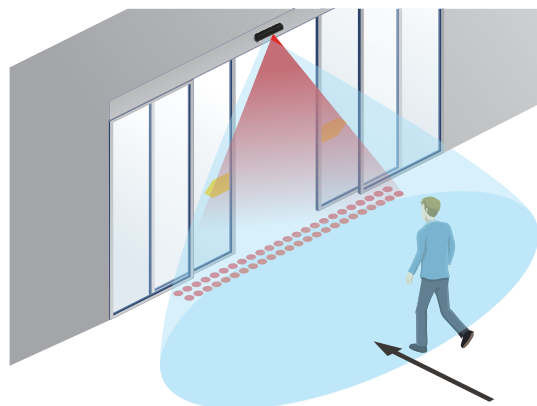
DESCRIPTION

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

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

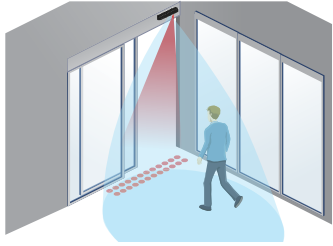
Ease of Setup

Intelligent programming and troubleshooting via a menu-driven LCD

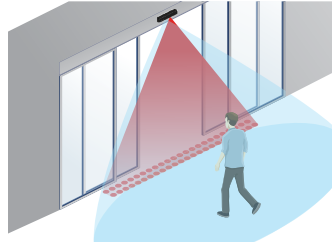
Standards Compliant

Fully monitored internally, capable of external monitoring

APPLICATIONS



Single Slide



Dual Slide



Dual Slide With Side Lite Protection

TECHNICAL SPECIFICATIONS

Technology	Microwave Doppler Radar	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 / cm ²	N/A
Spot Size	N/A	2" x 2"
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 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
Test Input	Sensitivity	
	Low: < 1 V; High: > 10 V (max. 30 V) Response time on test request: typical: < 5 ms	
Supply Voltage	12 – 24 VAC ±10%; 12 – 30 VDC ±10% (to be operated from SELV compatible power supplies only)	
Power Consumption	< 2.5 W	
Mounting Height	6 ½ – 11 ½'	
Temperature Range*	-13 – 131 °F 0 – 95% relative humidity, non-condensing	
Degree of Protection	IP54	
Applicable Directives	R&TTE 1999 / 5 / EC; LVD 2006 / 95 / EC; MD 2006 / 42 / EC; ROHS 2 2011 / 65 / EU	
Dimension	10 ¾" (W) x 2 ¼" (H) x 2 ¼" (D)	
Cable Length	10'	
Norm Conformity	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



20.5302
Retrofit harness

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