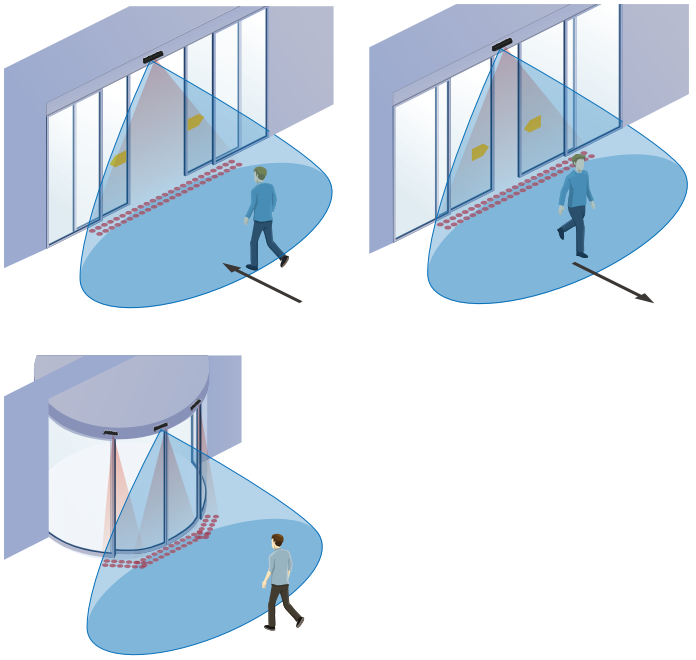
IXIO-DT1

ACTIVATION AND SAFETY SENSOR FOR AUTOMATIC SLIDING DOORS

PRIMARY APPLICATIONS



DESCRIPTION

BEA's IXIO-DT1 is the premier activation and safety sensor, combining the highest quality and the best value for the automatic sliding door industry.

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

The IXIO-DT1 can be adjusted into an ANSI compliant solution and has earned a comprehensive list of credentials and certifications, including UL, FCC and IP54.

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

FEATURES & BENEFITS

- Ten microwave activation sensitivity settings and three infrared safety immunity settings
- Ability to distinguish between approaching and departing traffic
- 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

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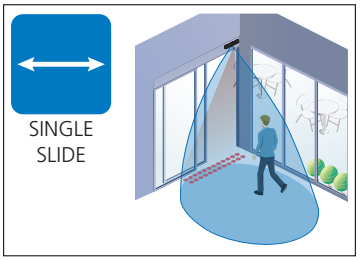
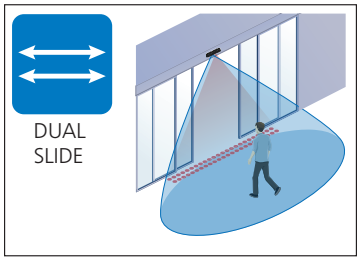
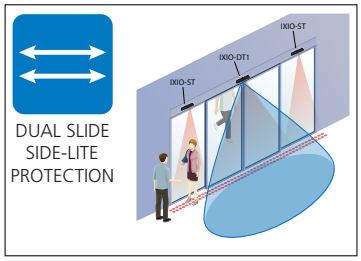
APPLICATIONS



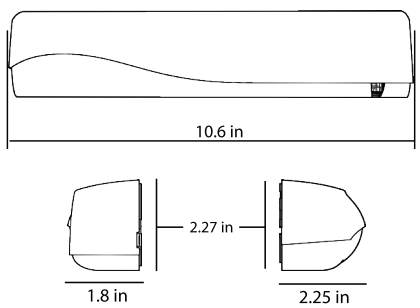




TECHNICAL SPECIFICATIONS

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/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	Microwave: 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)	

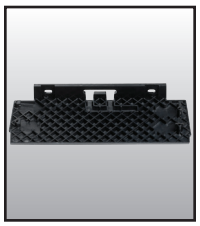
DIMENSIONAL DRAWINGS



RELATED PRODUCTS

10IXIODT1V
DUAL TECHNOLOGY SENSOR WITH VIDEO

10IXIOST
IR ONLY SENSOR



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

10REMOTE
BEA UNIVERSAL REMOTE CONTROL

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