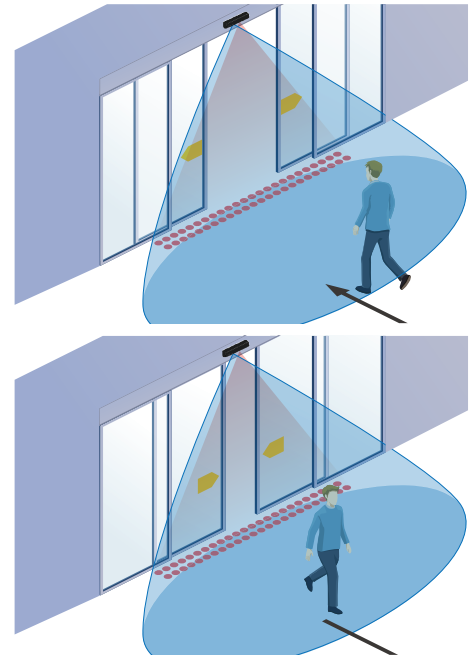


IXIO-DT1

MOTION AND PRESENCE SENSOR FOR AUTOMATIC SLIDING DOORS



PRIMARY APPLICATIONS



DESCRIPTION

BEA's IXIO-DT1 is the premier motion and presence 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

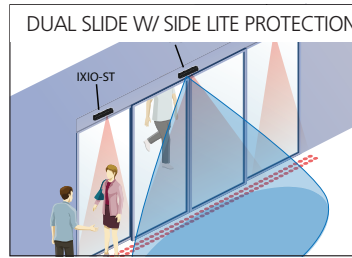
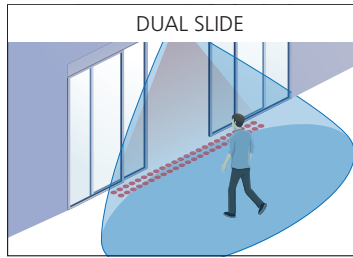
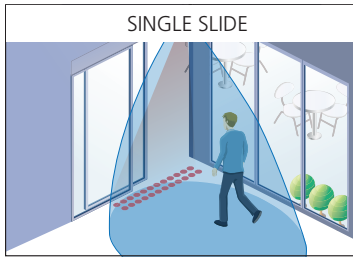
- Ten microwave activation sensitivity settings and three infrared safety immunity settings
- Ability to distinguish between approaching and departing traffic
- Two 24-spot, high-density, infrared safety curtains providing precise presence detection
- Four visible red alignment spots are projected on the ground to assist in precise IR curtain adjustment
- Intelligent programming and troubleshooting via a menu-driven LCD
- Fully monitored internally, capable of external monitoring



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

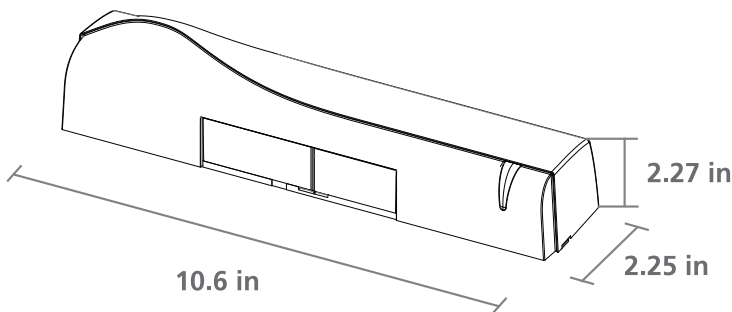
APPLICATIONS



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 in x 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) |
| Maximum Contact Voltage | 30 VDC | 42 VDC |
| Maximum Contact Current | 1 A | 400 mA |
| Hold Time | Microwave: 0.5 – 9 s (user adjustable) | Infrared: 0.3 – 1 s |
| Test Input | N/A | Sensitivity: Low: < 1 V; High: > 10 V (max. 30 V) Response time on test request: < 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 | 78 in – 138 in (6.5 ft – 11.5 ft) | |
| Temperature Range | -13 °F – 131 °F 0 – 95% relative humidity, non condensing | |
| Degree of Protection | IP54 | |
| Application Directives | R&TTE 1999 / 5 / EC; EMC 2004 / 108 / EC; MD 2006 / 42 / EC; RoHS 2002 / 95 / EC | |
| Dimensions | 10.6 in (W) x 2.25 in (H) x 2.27 in (D) | |
| Cable Length | 120 in (10 ft) | |

DIMENSIONAL DRAWINGS



RELATED PRODUCTS



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



35.1286
BLACK REPLACEMENT
COVER



35.1303
SILVER REPLACEMENT
COVER



35.1302
WHITE REPLACEMENT
COVER



10REMOTE
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REMOTE CONTROL

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