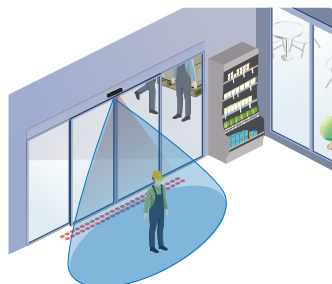
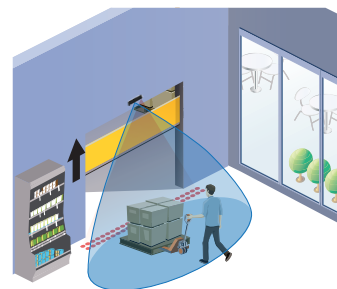
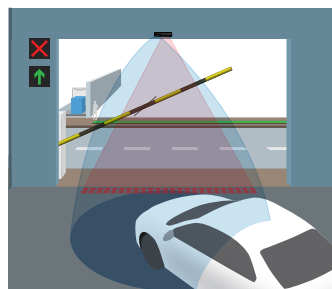


IXIO-DT1 INDUSTRIAL

MOTION AND PRESENCE SENSOR FOR INTERIOR INDUSTRIAL DOORS



PRIMARY APPLICATIONS



DESCRIPTION

BEA's dual technology IXIO-DT1 Industrial is the premier motion and presence sensor on the market.

The IXIO-DT1 Industrial is a highly flexible and user-friendly solution for interior industrial doors, vehicle gate detection and off-door automation.

This cutting-edge sensor has earned an impressive list of credentials and certifications, including FCC and IP54.

FEATURES & BENEFITS

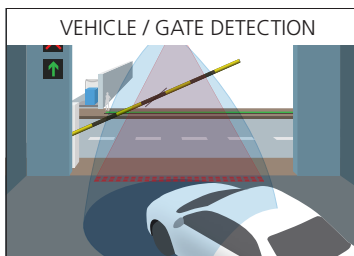
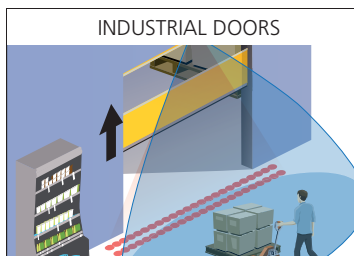
- Ten microwave activation sensitivity settings and three infrared safety immunity settings
- Ability to distinguish between approaching and departing traffic
- PRM mode for applications frequently used by persons with reduced mobility (i.e. wheelchair or elderly traffic)
- Two 24-spot, high-density, 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
- 360 inch (30 ft) cable for larger / higher doors



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

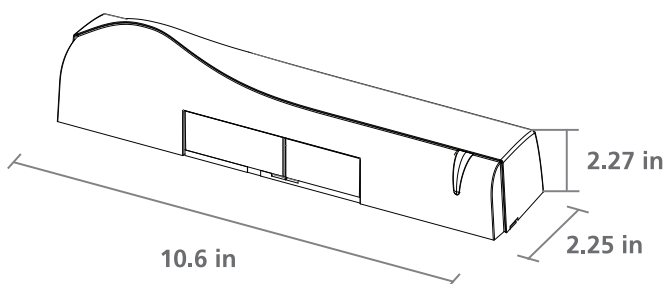
APPLICATIONS



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)
Max. Contact Voltage	30 VDC	42 VDC
Max. 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: 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	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	
Norm Conformance	R&TTE 1999 / 5 / EC; EMC 2004 / 108 / EC; MD 2006 / 42 / EC; RoHS 2002 / 95 / EC	
Dimensions	10.6 in (W) x 2.27 in (H) x 2.25 in (D)	
Cable Length	360 in (30 ft)	

DIMENSIONAL DRAWINGS



RELATED PRODUCTS



10IXIODT1INDUS
DUAL TECHNOLOGY
SENSOR



10IXIODT1V
DUAL TECHNOLOGY
SENSOR WITH VIDEO



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



10REMOTE
BEA UNIVERSAL
REMOTE CONTROL

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