



# IXIO-DT1 INDUSTRIAL

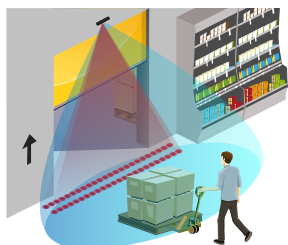
MOTION AND PRESENCE SENSOR  
FOR INTERIOR INDUSTRIAL DOORS

## DESCRIPTION

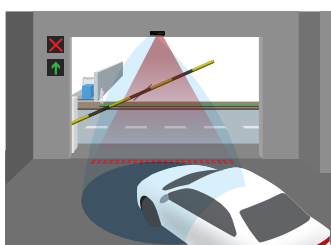
BEA's dual technology **IXIO-DT1 INDUSTRIAL** is a highly flexible and user friendly motion and presence sensor for interior industrial doors, vehicle gate detection and off-door automation.

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

## APPLICATIONS

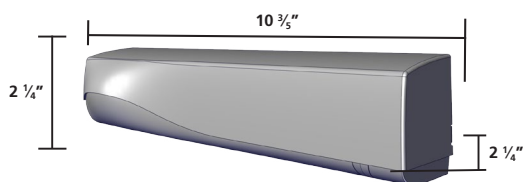


Industrial Doors



Vehicle / Gate Detection

## DIMENSIONS



## TECHNICAL SPECIFICATIONS

### TECHNOLOGY / PERFORMANCE

<b>Detection mode:</b>	Motion minimum detection speed: 2 in/s	Presence typical response time: < 200 ms (max: 500 ms)
<b>Technology:</b>	Microwave doppler radar Transmitter frequency: 24.150 GHz Transmitter radiated power: < 20 dBm EIRP Transmitter power density: < 5 mW/cm <sup>2</sup>	Active infrared with background analysis Spot: 2" x 2" (typ) Number of spots: max. 24 per curtain Number of curtains: 2
<b>Mounting height:</b>	6'6" – 11'6"	local regulations may impact acceptable mounting height (pedestrian applications only)
<b>Sensor temperature range:</b>	-13 – 131 °F * 0 – 95% relative humidity, non-condensing LCD screen is operational from 14 – 131 °F. The sensor may still be programmed in colder temperatures, but with the remote control.	

### ELECTRICAL

#### Output

<b>Relay 1</b>	Electromechanical relay (potential and polarity free) Max. contact current: 1 A Max. contact voltage: 30 VAC Adjustable hold time: 0.5 – 9 s
<b>Relay 2</b>	Solid-state relay (potential and polarity free) Max. contact current: 100 mA Max. contact voltage: 42 VDC / 30 VAC

<b>Test/Monitoring input:</b>	Sensitivity: Low: < 1 V High: > 10 V (max. 30 V) Response time on test request: typical < 5 ms
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<b>Supply voltage:</b>	12 – 24 VAC ±10% 12 – 30 VDC ±10% to be operated from SELV-compatible power supplies only
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<b>Power consumption:</b>	< 2.5 W
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<b>Noise:</b>	< 70 dB
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### PHYSICAL

<b>Degree of protection:</b>	IP54
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### COMPLIANCE

<b>FCC certification:</b>	FCC: G9B-100606 IC: 4680A-100606
<b>Compliance:</b>	ISO 13849 PL «C» CAT. 2 (under the condition that the door control system monitors the sensor at least once per door cycle)

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