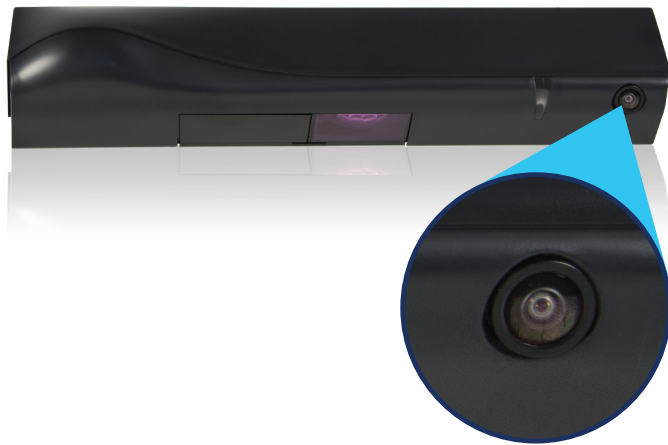
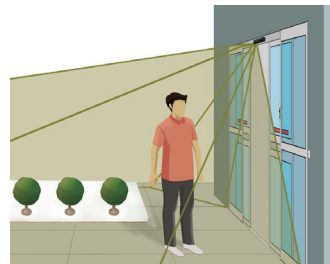
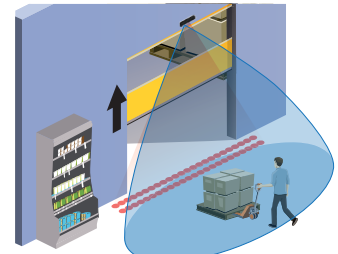
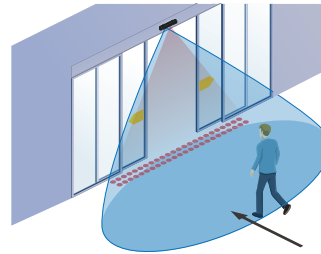


# IXIO-DT1V

## MOTION AND PRESENCE SENSOR WITH CAMERA FOR SLIDING DOORS



### PRIMARY APPLICATIONS



### DESCRIPTION

BEA's IXIO-DT1V is the premier motion and presence sensor for sliding doors. Coupled with the dual technology, the IXIO-DT1V includes an NTSC-compliant video surveillance camera that provides high quality footage of those entering and exiting a building.

The IXIO-DT1V can be adjusted into an ANSI compliant solution and has earned a comprehensive list of credentials and certifications, including FCC and IP54.

The high quality camera offers a wide field of view and is ideal for video documentation of pedestrian traffic, liability and warranty documentation, people counting and security applications, in a variety of environments. The IXIO-DT1V ensures convenience, safety and energy efficiency on automatic sliding doors.

### FEATURES & BENEFITS

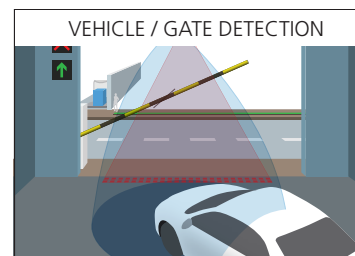
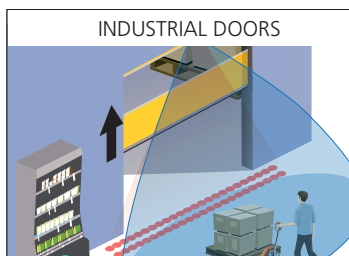
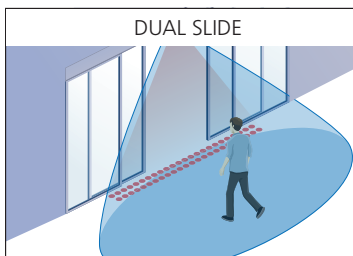
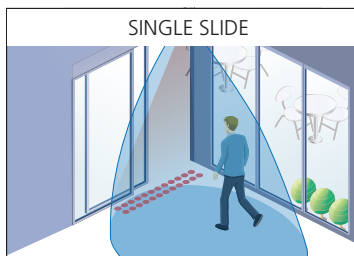
- Provides an SDTV camera that shoots 30 frames of footage per second
- Integrates with building surveillance systems
- Video replacement kit available to upgrade any IXIO in the field
- Ten microwave activation sensitivity settings and three infrared safety immunity settings
- Ability to distinguish 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
- Fully monitored internally, capable of external monitoring



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Technical Support: 800.407.4545  
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## APPLICATIONS



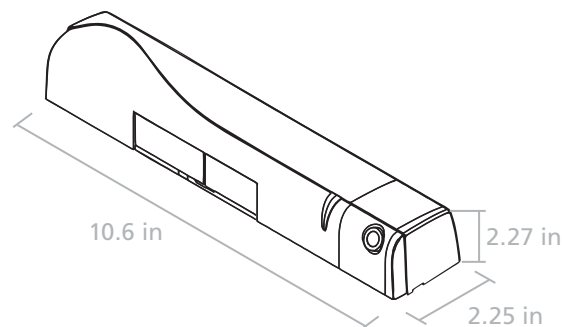
## TECHNICAL SPECIFICATIONS

<b>Technology</b>	Microwave Doppler Radar	Active Infrared
<b>Detection Mode</b>	Motion	Presence
<b>Transmitter Frequency</b>	24.150 GHz	N/A
<b>Transmitter Radiated Power</b>	< 20 dBm EIRP	N/A
<b>Transmitter Power Density</b>	< 5 mW / cm <sup>2</sup>	N/A
<b>Spot Size</b>	N/A	2 in x 2 in
<b>Max. Number of Spots</b>	N/A	24 per curtain
<b>Max. Number of Curtains</b>	N/A	2
<b>Output</b>	Electro-mechanical-relay (potential and polarity free)	Solid-state-relay (potential and polarity free)
Max. Contact Current	30 VDC	400 mA
Max. Contact Voltage	1 A	42 VDC
Hold Time	Microwave: 0.5 – 9 s (user adjustable)	Infrared: 0.3 s if < 4 s*, 1 s if ≥ 4 s* (*if in detection for)
<b>Test Input</b>	N/A	Sensitivity: Low: < 1 V; High: > 10 V (max.30 V) Response time on test request: typical: < 5 ms
<b>Supply Voltage</b>	12 – 24 VAC 50 / 60 Hz, 12 – 30 VDC	
<b>Power Consumption</b>	< 2.5 W	
<b>Mounting Height</b>	78 in – 138 in (6.5 ft – 11.5 ft)	
<b>Temperature Range</b>	–13 °F – 131 °F 0 – 95% relative humidity, non condensing	
<b>Degree of Protection</b>	IP54	
<b>Norm Conformance</b>	R&TTE 1999 / 5 / EC; EMC 2004 / 108 / EC; MD 2006 / 42 / EC; RoHS 2002 / 95 / EC	
<b>Dimensions</b>	10.6 in (W) x 2.27 in (H) x 2.25 in (D)	
<b>Cable Length</b>	120 in	

## CAMERA

<b>Voltage Regulator</b>	6.6 – 36 VDC; ±10%, 6.0 – 28 VAC; ±10%
<b>Operating Temperature</b>	–22 °F – 140 °F (RH 95% max)
<b>Video Output</b>	1.0 (Vp-p) / 75Ω
<b>Image Sensor</b>	CMOS
<b>Horizontal Resolution</b>	480 TVL
<b>NTSC Output</b>	720 (H) x 480 (W)
<b>Sync System</b>	Inter-Sync
<b>Frame Rate</b>	30 fps
<b>Minimum Illumination</b>	0.01 LUX
<b>AE Control</b>	Auto
<b>Gain Control</b>	Auto
<b>Electronic Shutter</b>	1 s ~ 1/10,000 s
<b>S/N Ratio</b>	> 50 dB
<b>AWB</b>	Auto

## DIMENSIONAL DRAWINGS



## RELATED PRODUCTS



**10IXIODT1V**  
DUAL TECHNOLOGY  
SENSOR WITH VIDEO



**10IXIODT1**  
DUAL TECHNOLOGY  
SENSOR



**10IMB**  
MOUNTING BRACKET  
ADAPTER



**10.1279**  
REPLACEMENT /  
UPGRADE COVER



**10MINIBRACKET**  
SHORT ADJUSTABLE  
MOUNTING BRACKET



**10REMOTE**  
BEA UNIVERSAL  
REMOTE CONTROL

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