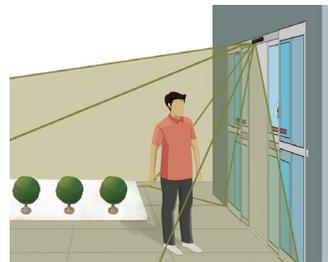
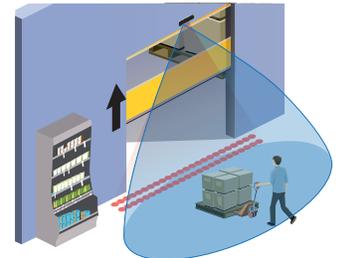
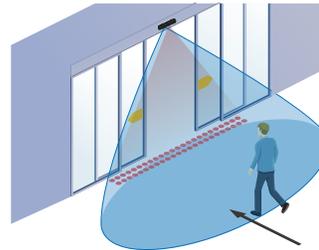


IXIO-DT1V

ACTIVATION AND SAFETY SENSOR WITH CAMERA FOR SLIDING DOORS



PRIMARY APPLICATIONS



DESCRIPTION

BEA's IXIO-DT1V is the premier activation and safety 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 UL, 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

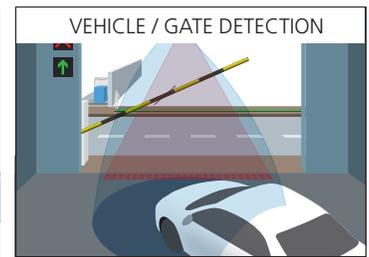
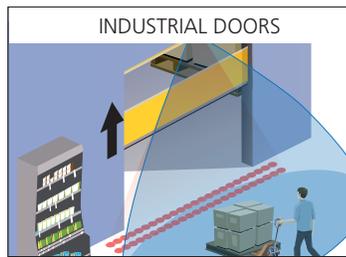
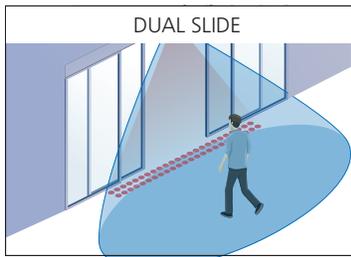
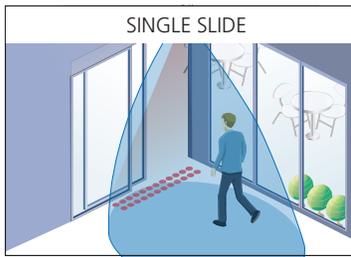
- Provides an SDTV camera that shoots 30 frames per second of footage
- Integrates with building surveillance systems
- Video replacement kit available to upgrade any IXIO in the field
- Ten microwave activation sensitivity settings and three infrared safety immunity settings
- Ability to distinguish between approaching and departing traffic
- 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
- 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



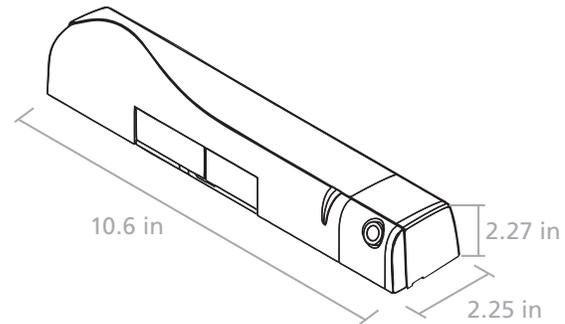
TECHNICAL SPECIFICATIONS

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)
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:<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	-13°F to +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 (D x W x H)	2.25 in x 10.6 in x 2.27 in	
Cable Length	120 in	

CAMERA

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

DIMENSIONAL DRAWINGS



RELATED PRODUCTS



10IXIODT1
DUAL TECHNOLOGY
SENSOR



10IXIOST
IR ONLY
SENSOR



10IMB
MOUNTING BRACKET
ADAPTER



10.1279
REPLACEMENT /
UPGRADE COVER



10MINIBRACKET
SHORT ADJUSTABLE
MOUNTING BRACKET



10REMOTE
BEA UNIVERSAL
REMOTE CONTROL

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IXIO-DT1V

ACTIVATION AND SAFETY SENSOR WITH CAMERA FOR SLIDING DOORS

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Pittsburgh, PA 15275-1213

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