IXIO-DT1V

MOTION AND PRESENCE SENSOR
WITH CAMERA FOR SLIDING DOORS

VIDEO

Watch the product video

TECHNOLOGY

CERTIFICATIONS

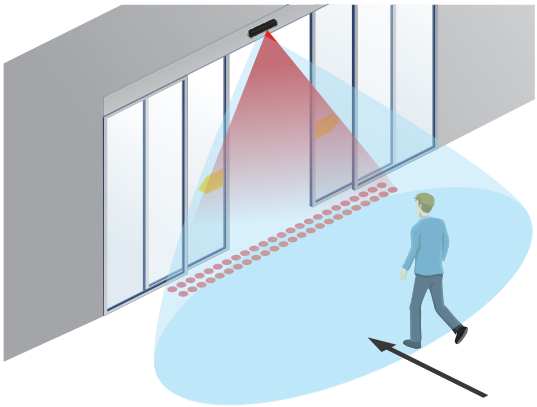
DESCRIPTION

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 ANSI compliance 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.



Additional Camera Functionality

Provides an SDTV camera that shoots 30 frames of footage per second

Easily Integrates

Integrates with building surveillance systems

Upgrade IXIO In The Field

Video replacement kit available to upgrade any IXIO in the field

Energy Efficient

Ten microwave activation sensitivity settings and three infrared safety immunity settings

Enhanced Accessibility

PRM mode for applications frequently used by persons with reduced mobility (i.e. wheelchair or elderly traffic)

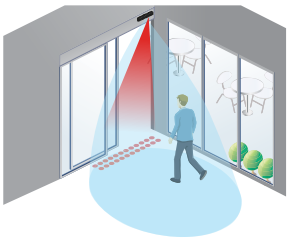
Precise Presence Detection

Two 24-spot, high-density, infrared safety curtains providing precise presence detection

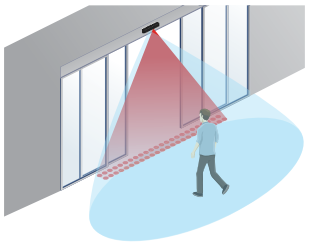
Standard Compliant

Fully monitored internally, capable of external monitoring

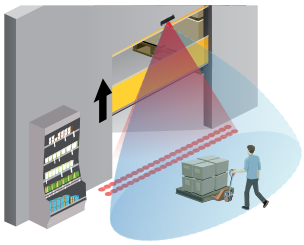
APPLICATIONS



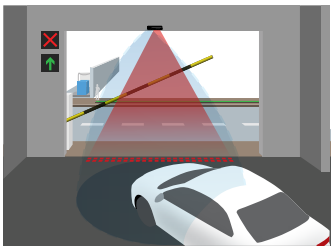
Single Slide



Dual Slide



Industrial Doors



Vehicle / Gate Detection

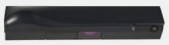
TECHNICAL SPECIFICATIONS

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 / cm²	N/A
Spot Size	N/A	2″ × 2″
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 VAC / VDC
Max. Contact Current	1 A	400 mA
Hold Time	Microwave: 0.5 – 9 s (user adjustable)	Infrared: 0.3 – 1 s
Test Input		
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	
Power Consumption	< 2.5 W	
Mounting Height	6 ½ – 11 ½′	
Temperature Range**	-13 – 131 °F 0 – 95% relative humidity, non condensing	
Degree of Protection	IP54	
Norm Conformity	R&TTE 1999 / 5 / EC; LVD 2006 / 95 / EC; MD 2006 / 42 / EC; ROHS 2 2011 / 65 / EU	
Dimension	10 ⅗″ (W) × 2 ¼″ (H) × 2 ¼″ (D)	
Cable Length	10′	

CAMERA

Voltage Regulator	6.6 – 36 VDC; ±10%, 6 – 28 VAC; ±10%
Operating Temperature	-22 – 140 °F (max. RH: 95%)
Video Output	1.0 (Vp-p) / 75Ω
Image Sensor	CMOS
Horizontal Resolution	480 TVL
NTSC Output	720 (H) × 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

PRODUCT SERIES



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

*To be operated from SELV-compatible power supplies only

**LCD screen is operational from 14 – 131 °F. The sensor may still be programmed in colder temperatures, but with the remote control.

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