

IXIO-DT1

ACTIVATION AND SAFETY
SENSOR FOR AUTOMATIC
SLIDING DOORS



THE SECOND GENERATION DUAL TECHNOLOGY SENSOR

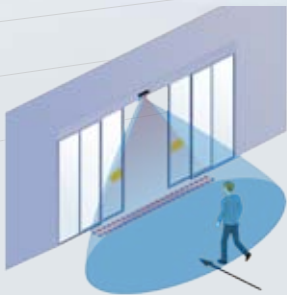
Microwave & Infrared Technology

DESCRIPTION

The **IXIO-DT1** combines microwave radar technology for the activation of the door with infrared technology for pedestrian safety. The unidirectional radar provides energy savings and an infrared curtain prevents the door from contacting pedestrians as they pass through the threshold.

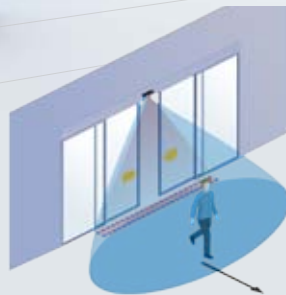


EN



UNIDIRECTIONAL

Due to its unidirectionality, the duration of the door hold open time can be shorter, resulting in energy savings. This optimizes vestibule applications.



INFRARED CURTAINS

Two curtains of 24 (48 total), high-density infrared spots protect pedestrians from any contact with the doors.

A 32-bit microprocessor optimizes the processing of environmental information, ensuring stable performance throughout the year.

LCD DISPLAY

Intuitive configuration via an LCD display showing text and graphics.



SAFETY

Four visible red alignment spots are projected on the ground to assist in precise IR curtain adjustment.



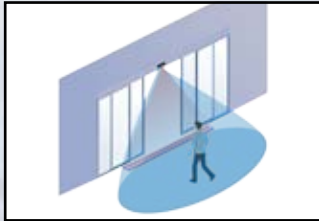
BEA

OPEN UP NEW HORIZONS

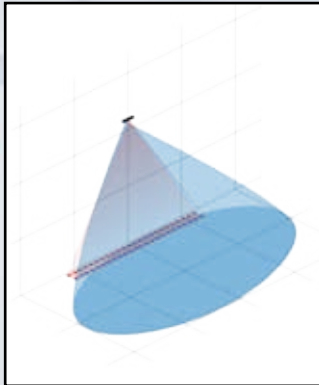
APPLICATIONS



Single Sliding Doors



Dual Sliding Doors



Radar: 13.1' x 6.6' @ 7.2'
Infrared: 7.2' x 1.6' @ 7.2'



10IXIO-ST
Infrared Presence
Safety Sensor

DETECTION ZONE

IXIO FAMILY

APPLICATIONS

- Activation and safety of linear, telescopic and curved automatic sliding doors

EASE OF INSTALLATION

- Intuitive configuration via an LCD display and/or a BEA remote control
- Multiple language selections
- Four adjustment options for the IR curtain width
- Radar antenna orientation: Horizontal: -15° to +15°; Vertical: +15° to + 45°
- Four visible red alignment spots are projected on the ground to assist easy IR curtain adjustment

VERSIONS

- IXIO-DT1: Combines microwave activation and infrared presence technologies with external monitoring

IXIO ACCESSORIES



10IDMB
IXIO Bracket
Accessory



10IDCA
IXIO Ceiling
Accessory



10SPOTFINDER
Infrared
Spotfinder



10WRC
Clear Rain
Cover



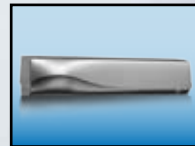
10REMOTE
Universal Remote
For BEA Sensors



35.1286
IXIO Cover - Black



35.1302
IXIO Cover - White



35.1303
IXIO Cover - Silver

TECHNICAL SPECIFICATIONS

Technology	Microwave Doppler Radar	Active IR with background analysis
Detection Mode	Motion	Presence
Output	Solid-state Relay (potential and polarity free)	Solid-state Relay (potential and polarity free)
Test Input	—	Sensitivity: Low: < 1 V High: > 10 V
Supply Voltage	12 V – 24 V AC ±10%	12 V – 35 V DC ±10%
Mounting Height	6.5 – 11.5 feet (local regulations may impact the acceptable mounting height)	
Temperature Range	Sensor: -31° F to +131° F LCD: +14° F to +131° F	0–95% relative humidity, non condensing
Degree of Protection	IP54	

Specifications are subject to change without prior notice.

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