

# IXIO-DT1

ACTIVATION AND SAFETY  
SENSOR FOR AUTOMATIC  
SLIDING DOORS



## NEXT GENERATION DUAL TECHNOLOGY SENSOR

### 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 for sliding door safety as pedestrians pass through the threshold.

Microwave & Infrared Technology

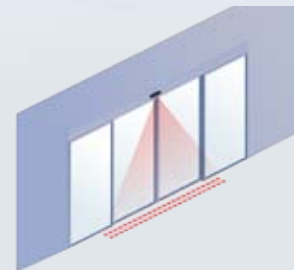
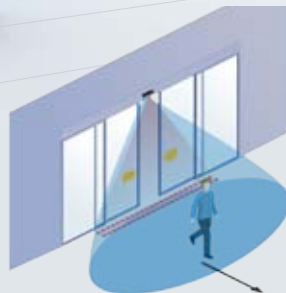


### UNIDIRECTIONAL

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

### LCD DISPLAY

Intuitive configuration via an LCD display showing text and graphics.



### INFRARED CURTAINS

Two curtains of 24 (48 total), high-density infrared spots provide precise presence detection near the threshold area.

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

### SIMPLE SETUP

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

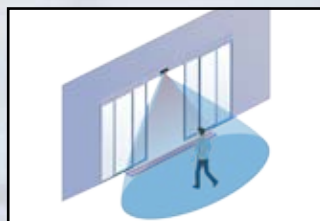


**BEA**

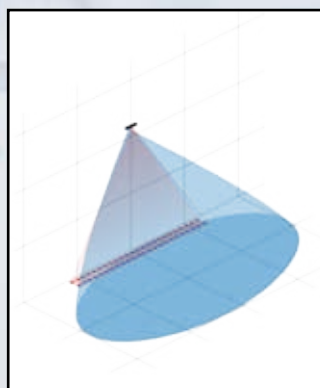
OPEN UP NEW HORIZONS



Single Sliding Doors



Pair Sliding Doors



**Radar:** 13.1' x 6.6' @ 7.2'

**Infrared:** 7.2' x 1.6' @ 7.2'



**10IXIO-ST**  
Infrared Presence  
Safety Sensor

## APPLICATIONS

- Any automatic sliding door where both microwave activation and infrared presence is desired

## 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



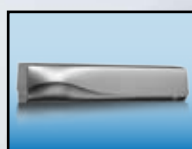
**10REMOTE**  
Universal Remote  
For BEA Sensors



**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<br>(potential and polarity free)                            | Solid-state Relay<br>(potential and polarity free) |
| Test Input           | —                                                                             | Sensitivity:<br>Low: < 1 V<br>High: > 10 V         |
| Supply Voltage       | 12 V – 24 V AC ±10%                                                           | 12 V – 35 V DC ±10%                                |
| Power Consumption    | < 2.5 W                                                                       |                                                    |
| Mounting Height      | 6.5 – 11.5 feet (local regulations may impact the acceptable mounting height) |                                                    |
| Temperature Range    | Sensor: -31° F to +131° F<br>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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