

# IXIO-D

## OPENING AND SAFETY SENSOR FOR AUTOMATIC SLIDING DOORS

Commercial sheet

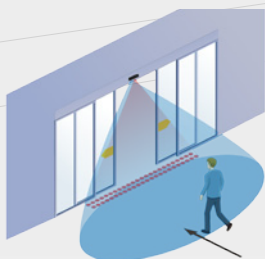


### THE SECOND-GENERATION DUAL SENSOR

#### DESCRIPTION

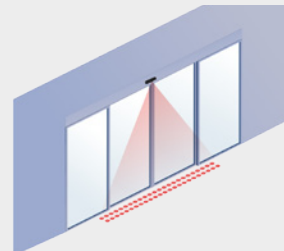
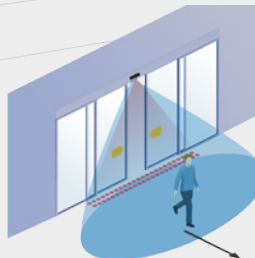
The IXIO-D is a sensor which combines radar technology for the activation of the door with infrared technology for the user protection. The unidirectional radar enables energy savings to be made. The three-dimensional infrared curtain protects people from any contact with the doors.

COMPLIANT WITH  
EN 16005/DIN 18650



#### UNIDIRECTIONAL

Due to the unidirectionality, the duration of the door opening cycle is shorter, which reduces heat loss from the building and saves energy. This also optimises the "airlock" function.



#### INFRARED CURTAINS

48 high-density infrared spotlights from 2 curtains protect users from any contact with the doors.

A 32-bit microprocessor optimises the processing of information coming from the environment, ensuring a stable performance throughout the year.

#### LCD

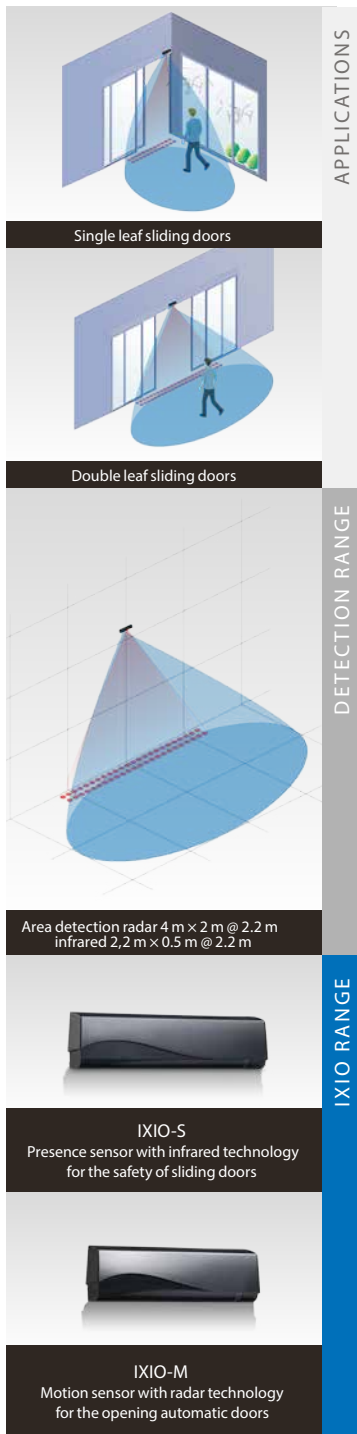
Intuitive configuration with an LCD screen with an LCD screen displaying texts and symbols (LCD graphics).



#### SAFETY

4 red spotlights visible on the ground to adjust the angle of the failsafe curtain.





## APPLICATIONS

- Opening and safety of linear, telescopic and curved automatic sliding doors.

## EASE OF INSTALLATION

- Intuitive configuration thanks to an LCD screen and/or a BEA remote control.
- LCD graphics screen with choice of language.
- 10 adjustment options for the IR curtains.
- Lateral orientation from -15° to +15° for the radar antenna.
- 4 infrared spotlights visible on the ground for the easy adjustment of the failsafe curtain.
- Plug, push & go.

## VERSIONS

- **IXIO-DT1**: dual sensor with combined technologies and self-monitoring.
- **IXIO-DT3**: dual sensor with combined technologies for emergency doors and standard doors. 3-in-1 product with choice of 3 types of output (current/frequency/relay).
- **IXIO-DP1**: dual sensor with combined technologies for pulsed safety door controllers
- **IXIO-DP3**: dual sensor with combined technologies for emergency doors and standard doors with pulsed safety door control.

## ACCESSORIES



Bracket accessory    Ceiling accessory    Spotfinder

## TECHNICAL SPECIFICATIONS

Detection mode	Motion	Presence
Technology	Microwave doppler radar	Active infrared with background analysis
Output	Solid-state-relay (potential and polarity free)	Solid-state-relay (potential and polarity free)
	Frequency output* (f = 100 Hz +/- 10%)	Pulse output**
	Current source output*	
Test input	Sensitivity : Low : < 1 V; High : > 10 V	
Supply voltage	12 V - 24 V AC +/-10%; 12 V - 30 V DC +/- 10%	
Mounting height	2 m to 3,5 m (local regulations may have an impact on the acceptable mounting height)	
Temperature range	-25°C to +55°C; 0-95% relative humidity, non condensing	
Degree of protection	IP54	
Applicable directives /Norms	R&TTE 1999/5/EC; EMC 2004/108/EC; MD 2006/42/EC; RoHS 2002/95/EC EN 12978; EN ISO 13849-1:2008 PL «d» CAT. 2****/»C» CAT. 2****; EN 16005:2012 Chapter 4.6.8.; DIN 18650-1:2010 Chapter 5.7.4. ; AutSchR****	

Specifications are subject to change without prior notice.

\* DT3/DP3 \*\*DP1/DP3

\*\*\* Only applicable for frequency and current source output

\*\*\*\* Under the condition that the door control system monitors the sensor at least once per door cycle

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