



IXIO-D

Opening and safety sensor for automatic sliding doors



APPLICATIONS



TECHNOLOGY

Radar, Active infrared

CONFORMITY



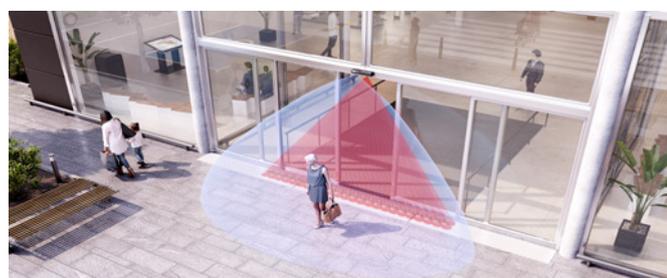
DESCRIPTION

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.

VIDEO



Discover the product video on our youtube channel **BEA Sensors Europe**
<https://bit.ly/2Q4Ve7l>



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.



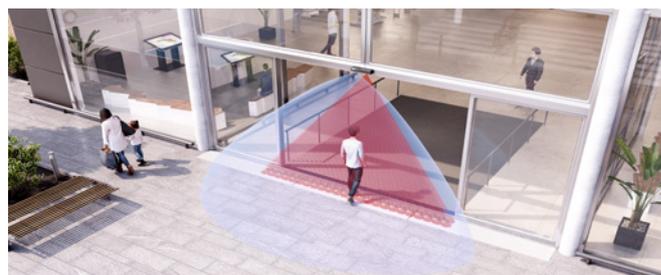
Safety

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



LCD

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



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.

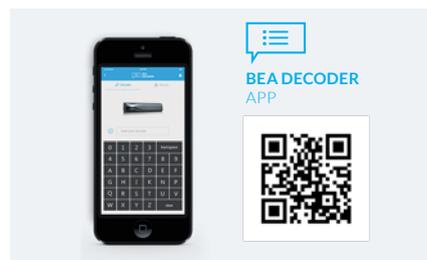
APPLICATIONS



Double leaf sliding doors

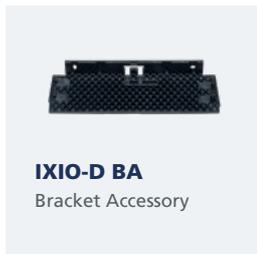


Single leaf sliding doors



Download the **BEA DECODER** app

ACCESSORIES



IXIO-D BA
Bracket Accessory



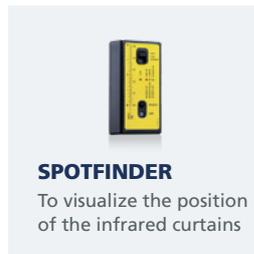
IXIO-D CA
Ceiling Accessory



IXIO-D DOORBELL
Door bell + interface



IXIO-D SDC
Smart Daisy Chain Hub



SPOTFINDER
To visualize the position of the infrared curtains

INSTALLATIONS

- Intuitive configuration thanks to an LCD screen and/or a BEA remote control.
- LCD graphics screen : 14 choices 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.

VERSIONS

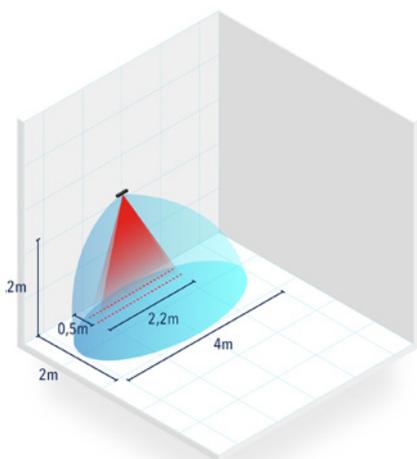
- **IXIO-DT1:** dual technology sensor.
- **IXIO-DT3:** dual technology sensor for emergency and standard doors.
3-in-1 product : available outputs : emergency doors current/frequency or relay.
- **IXIO-DP1:** dual technology sensor for pulsed safety door controllers.
- **IXIO-DP3:** dual technology sensor for emergency and standard doors.

TUTORIAL



Discover the product video on our youtube channel **BEA Sensors Europe**
<https://bit.ly/2E5qBbo>

TECHNICAL SPECIFICATIONS



Technology	Microwave doppler radar	Active infrared with background analysis
Detection mode	Motion	Presence
Output	Solid-state-relay (potential and polarity free) - in switching mode : NO/NC - in frequency mode*: pulsed signal (f = 100 Hz +/- 10%)	Solid-state-relay (potential and polarity free)
Test input	Current source output*	Pulse output** 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; MD 2006/42/EC; LVD 2006/95/EC; ROHS 2 2011/65/EU; EN 12978; DIN 18650-1:2010 Chapter 5.7.4; AutSchR; BS 7036-1:1996 Chapter 7.3.2; EN ISO 13849-1:2008 PL «c» CAT. 2 (under the condition that the door control system monitors the sensor at least once per door cycle); IEC 61496-1:2012 ESPE Type 2; EN 16005:2012 Chapter 4.6.8; BS 7036-1:1996 Chapter 8.1	

* DT3/DP3 **DP1/DP3
Specifications are subject to change without prior notice. All values measured in specific conditions.

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