



IXIO-D

Opening and safety sensor for automatic sliding doors



APPLICATIONS



TECHNOLOGY

Radar, Active infrared

CONFORMITY



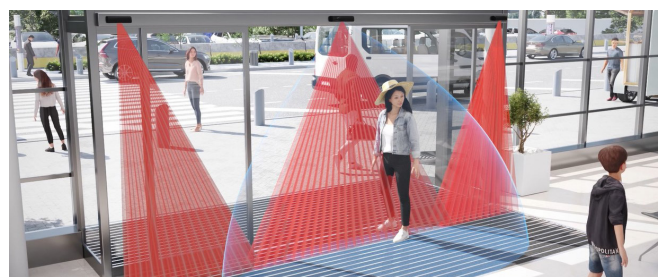
DESCRIPTION

The **IXIO-D** is a combined technology sensor, opening and securing automatic sliding doors across the world since 2012. Artek inside offers a comfortable opening experience and the infrared curtains protect people from any contact with the doors. The **IXIO-D** secures the leading edge and door threshold during closing. Combined with the **IXIO-S** for safety during opening, it offers a complete solution for sliding doors, compliant with the EN 16005 and DIN 18650 safety standards.



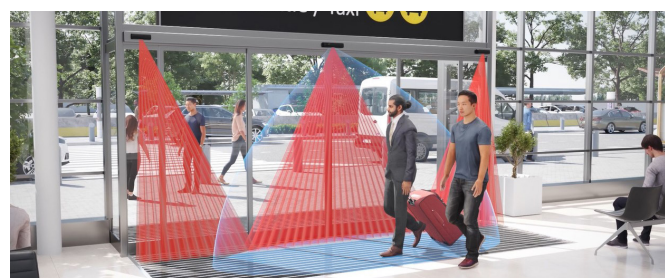
Comfortable opening

Artek inside, developed and produced by BEA, takes radar technology to the next level. It inherits the stability and reliability of our radar sensors, opening doors only when needed.



Reliable safety

The tridimensional infrared field is composed of high-density infrared curtains, protecting users from any contact with the doors. The flexible infrared field can be adapted to all types of sliding doors and is stable in all surroundings and weather conditions.



Energy savings

Rejection of cross-traffic is optimized to reduce unwanted opening caused by passing pedestrians. Thanks to the unidirectionality of the radar field, the door also closes sooner for even more energy efficiency.



Intuitive installation

Thanks to the multilingual LCD screen, configuration of the sensor is a matter of a few clicks. The angle of the infrared curtain can be easily adjusted with the help of 4 visible spots.

VERSIONS

 <p>IXIO-DT3 for emergency and standard doors</p>	 <p>IXIO-DT1 for standard doors</p>	 <p>IXIO-DP3 for emergency and standard doors with pulsed door controllers</p>	 <p>IXIO-DP1 for standard doors with pulsed door controllers</p>	 <p>IXIO-D CAN with CAN wiring</p>
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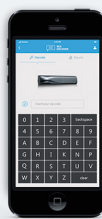
ACCESSORIES

 <p>IXIO-D BA Bracket Accessory</p>	 <p>IXIO-D CA Ceiling Accessory</p>	 <p>IXIO-D DOORBELL Door bell + interface</p>	 <p>IXIO-D SDC Smart Daisy Chain Hub</p>
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INSTALLATION

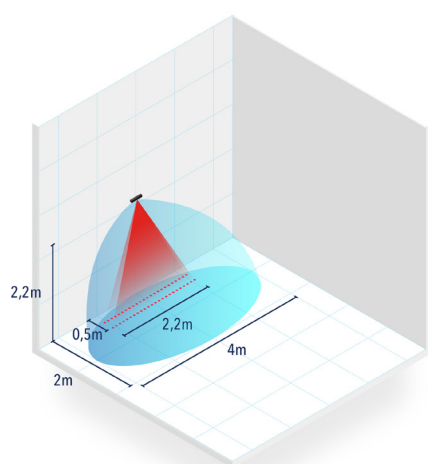
- Intuitive configuration thanks to multilingual LCD-screen
- 10 adjustment options for the IR curtains
- 4 visible spots indicate infrared curtain angle
- Easy adjustment of radar field shape, size, and angle
- Quick overview of all settings and values via the BEA decoder app

APP



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**
Supply voltage	12 V - 24 V AC +/-10%; 12 V - 30 V DC +/- 10%	Sensitivity : Low : < 1 V; High : > 10 V
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	EN ISO 13849-1 PL «d» CAT. 2 EN 16005 (emergency exits) DIN 18650-1 (emergency exits) AutSchR (only applicable for radar output in frequency mode and current source output) EN 16005 (protective devices) DIN 18650-1 (protective devices) EN 12978 AS 5007:2007	

* DT3/DP3 **DP1/DP3

Specifications are subject to change without prior notice. All values measured in specific conditions.

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