



IXIO-D INDUS

Opening and presence sensor for automatic industrial doors



APPLICATIONS



TECHNOLOGY

Radar & active infrared



ARTEK INSIDE

DESCRIPTION

The **IXIO-D INDUS** combines two technologies - radar and infrared - to achieve a double goal: opening and protection. The **IXIO-D INDUS** protects automatic doors as well as those operating them. The Artek inside radar field senses any approaching movement towards the door, while the infrared field detects the presence of people and objects in the area around the closing zone of the door.

VIDEO

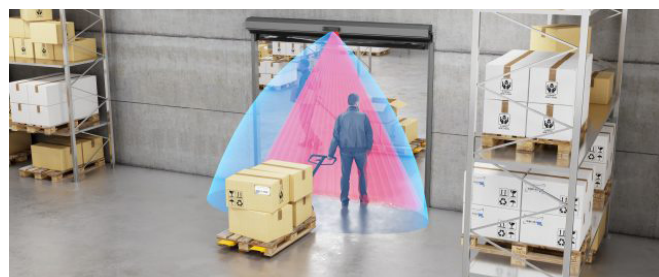


Discover the product video on our youtube channel **BEA Sensors Europe**
<https://bit.ly/3ccmvvZ>



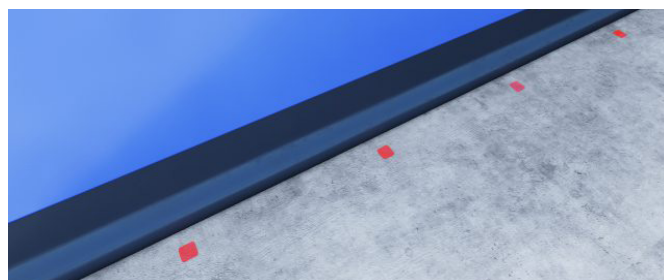
Protecting the door

The radar monitors a large, adjustable area. Its responsiveness makes it ideal for opening and re-opening the door for forklift trucks and vehicle traffic. This way, it prevents vehicles from colliding into the door, when approaching at a reasonable speed.



Protecting users

Two high-density infrared curtains provide precise presence detection near the threshold area. Provided on both sides of the door, this additional volumetric protection reduces the door's hold-time and therefore reduces the opening and closing time of the door.



Position of the curtains

4 visible spots help adjust the angle of the infrared curtains.

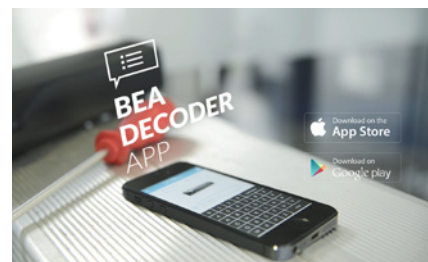


Multilingual LCD menu

Intuitive setup via the LCD display in just a few clicks.

ADDITIONAL FEATURES

ARTEK
INSIDE



VERSIONS & ACCESSORIES



IXIO-DO1

Opening and presence



IXIO-DT1

Opening and safety with external monitoring



IXIO-D RA

Rain Accessory



IXIO-D BA

Bracket Accessory



SEE MORE

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INSTALLATION

- Intuitive configuration thanks to multilingual LCD menu
- 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

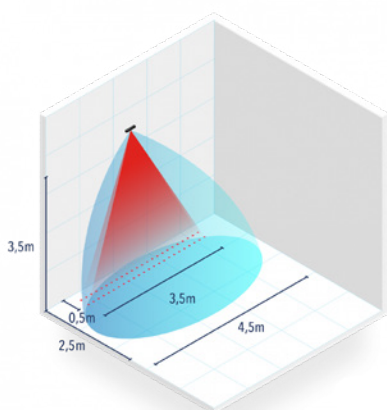
APP



BEA
DECODER
APP



TECHNICAL SPECIFICATIONS



Supply voltage	12 V - 24 V AC +/-10% (50-60Hz); 12 V - 30 V DC +/- 10%	
Power consumption	< 2.5 W	
Mounting height	2 m to 4 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	
Noise	< 70 dB	
Detection mode	Motion Min. detection speed: 5 cm/s	Presence Typical response time: < 200 ms (max. 500 ms)
Technology	Microwave doppler radar Transmitter frequency: 24.150 GHz Transmitter radiated power: < 20 dBm EIRP Transmitter power density: < 5 mW/cm ²	Active infrared with background analysis Spot: 5 cm x 5 cm (typ) Number of spots: max. 24 per curtain Number of curtains: 2
Norm conformity	This product conforms to all applicable European Union legislation. Please refer to the Declaration of Conformity for further information.	

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