

# LZR-i100 / LZR-i110

**LZR-i100** and **LZR-i110** detectors are based on highly accurate time-of-flight technology, ensuring optimal safety at the threshold and in the proximity of the door, with four laser curtains that define corresponding detection areas.

CRASHLESS



## Two separate detection areas

Door safety during opening and closing through two distinct detection zones.



## Optimised for industrial environments

IP65, 10 m cable, filters against swing door deformation caused by wind, protection against door vibrations and environmental interference.



ENERGY  
SAVING

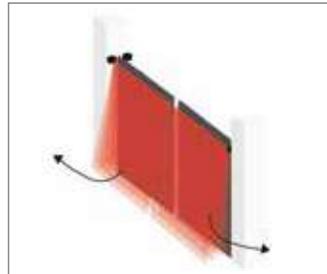


## Virtual push buttons

Option to set up 2 virtual buttons to open the door



**certified**  
PL «d» / CAT2  
EN-ISO13849-1  
EN12453



## Security device for automatic swing and sliding gates

### PERFORMANCE

- Adjustable detection area depth (up to 1 m) depending on installation height
- Certified safety solution for industrial doors: PL "d" / CAT 2 according to EN ISO 13849-1 and type E according to EN 12453
- High level of safety with complete three-dimensional detection in front of the door
- Small object detection \*

### APPLICATIONS

- Safety during door opening and closing with 2 separate detection zones

### DESIGNED FOR INDUSTRIAL CONTEXTS

- Filters door vibrations and environmental interference
- Filters door frame deformations caused by wind
- Protection rating IP65

LZR-i110 - Maximum detection distance: 5 m x 5 m

LZR-i100 - Maximum detection distance: 9.9 m x 9.9 m

Power supply: 10-35V DC on connector

Output: 2 electronic relays (galvanic isolation – polarity-free)

Maximum switching voltage: 35 VDC / 24 VAC

Maximum switchable current: 80 mA (resistive)

Dimensions: 125 mm (W) x 93 mm (D) x 70 mm (H)  
(mounting bracket +14 mm)

Protection rating: IP65

Operating temperature: -30°C to +60°C under power

Compliance: EMC 2014/30/EU; LVD 2014/35/EU; MD

2006/42/EC; ROHS 2 2011/65/EU; EN 12453 chapter

5.1.1.6, chapter 5.5.1 Safety device E; EN 12978; EN ISO

13849-1 PL 'd' / CAT2; EN 60529; IEC 60825-1; EN

60950-1; EN 61000-6-2; EN 61000-6-3; IEC 61496-1; EN

61496-3 ESPE Type2; EN 62061: 2005 SIL 2; DIN 18650-1

Chapter 5.7.4



Accessories > see page A53



\* up to a few centimeters depending on the application