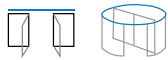


Swing shield - Automatic Swing Door Safety Sensor

EN 16005 Test Certified for Maximum Pedestrian
Safety



Applications



Technology

Active Infrared

Conformity



Description

Protecting Pedestrians with Advanced 3D Sensing

The Swing Shield safety sensor ensures seamless and secure passage for pedestrians through automatic swing and revolving doors. Designed for ultimate precision, it prevents accidental door collisions, offering three-dimensional protection areas to detect motion and presence effectively.



Key Features

Adaptation to All Environments

Functions efficiently in various indoor and outdoor settings.
Adjusts sensitivity based on environmental conditions for optimal performance.

Highly Accurate Detection

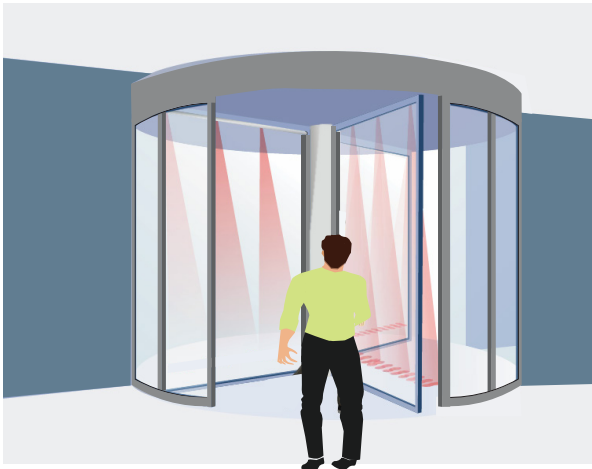
Advanced sensor technology detects pedestrians in real-time.
Ensures the door remains open until the path is clear, preventing accidents.

Versatile Installation

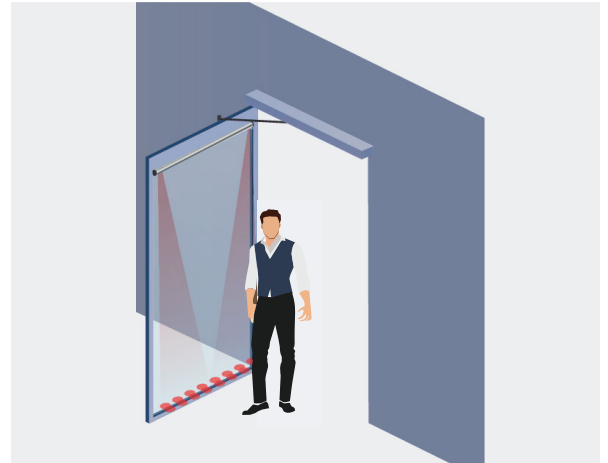
Compatible with both swing and revolving doors.
Easy installation with flexible mounting options.

Applications

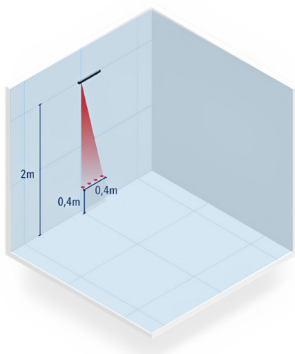
Revolving Door



Swing Door



Technical Specifications



Technology	Active infrared with background suppression
Emission field	400 mm (W) x 70 mm (D) (at 2 m mounting height; 4 spots active)
Mounting height	1.3 m to 3.5 m
Reaction time	64 ms (typ)
Max. presence time	Infinite
Supply voltage	12 V - 24 V AC +/-10% ; 12 V - 30 V DC -5%/+10% (to be operated from SELV compatible power supplies only)
Max current consumption	
MASTER	95 mA @ 24 V AC/ 70 mA @ 24 V DC; 170 mA @ 12 V AC/ 130 mA @ 12 V DC
Other modules	85 mA @ 24 V AC/ 60 mA @ 24 V DC; 180 mA @ 12 V AC/ 113 mA @ 12 V DC
Output	2 relays (free of potential contact)
Max. contact voltage	42 V AC/DC
Max. contact current	1 A (resistive)
Max. switching power	30 W (DC) / 42 VA (AC)
Input	1 optocoupler (free of potential contact)
Max. contact voltage	30 V
Voltage threshold	high: >10 V DC; low: <1 V DC
Max. number of modules	4 (up to 6 if 24 V DC)
Reflectivity	Min. 5% at IR-wavelength of 850 nm
Degree of protection	IP54
Temperature range	-25 °C to +55 °C; 0-95% relative humidity, non condensing



Why Choose Swing Shield

- EN 16005 Certified - Meets international safety standards.
- 3D Protection Zones - Enhanced safety through multiple detection layers.
- Universal Compatibility - Works with various door types and brands.
- Reliable & Durable- Designed for long-term, maintenance-free operation.

Ensure Pedestrian Safety with Swing Shield – The Smart Choice for Automatic Doors!

For inquiries and installation support, contact www.entraraccess.com

UK & Europe



Head Office
Entrar Access Technologies UK LTD
124 City Road,
EC1V 2NX
London, United Kingdom
Call: +44 7949 265624
England and Wales - CR: 06294297

Middle East & Africa



Entrar Access Technologies
GBC 2,
Opposite to Old Airport Arrival Terminal
C Ring Rd, Doha, Qatar
Call: +974 4402 3014

Entrar Line Trading L.L.C
Smartplace Business Center
Level 2, The Iridium Building
Al Barsha, Dubai, UAE
Call: +971 5080 94464

India & Far East



Entrar Access Technologies India Pvt Ltd
No A-83, First Floor,
Road No 2, Mahipalpur Extn
New Delhi, India
Call: +91 8310330566

