

IRIS

Active infrared sensor designed to provide top safety for your automatic sliding, revolving and curved doors



Technology

- **Active infrared**, 2 curtains with 6, 12 or 24 spots each, depending on the lens selected
- Background analysis
- Mounting height up to 4 m
- A range composed of :
 - **IRIS OFF, standard** version
 - **IRIS ON**, version with **monitoring process**
 - **IRIS PULSE**, version with **monitoring process by pulse**
 - **IRIS SYNCHRO**, version with **intelligent communication**

Detection

- The sensor can detect a foot or a hand over the whole width of the curtain*
- Choice between detection fields with different widths thanks to the **different lenses**
- Possibility to cancel the curtain farthest from the door
- Infrared curtains easy to locate thanks to BEA **Spotfinder**

Adjustments

- Adjustment with the BEA universal remote control
- * The safety curtains can be easily adjusted through the mechanical adjustment

Mechanics

- Robust and anti-vandal housing

Norm conformity

- prEN 12650
- BS 7036
- EN 954
- ANSI

* with standard immunity and mounting height (1), and a contrast of minimum 10%

With double **homogeneous** safety curtain, **monitored** in accordance to standards

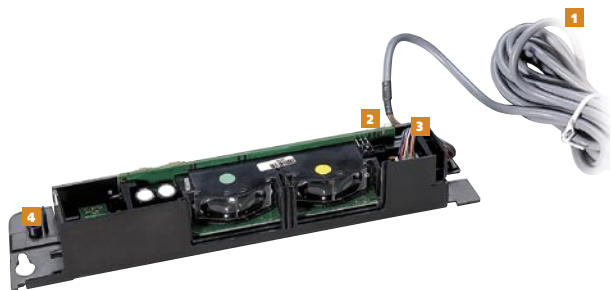
IRIS is featuring an active infrared technology
IRIS offers a higher level of safety :

- a 3-dimensional curtain reaching the ground
- overlapping spots for a homogeneous curtain (without blank)
- possibility to select 1 or 2 curtains

Applications

- Sliding doors (safety at closing and opening)
- Revolving doors (safety of the pinch zone)
- Curved doors (safety at closing and opening)



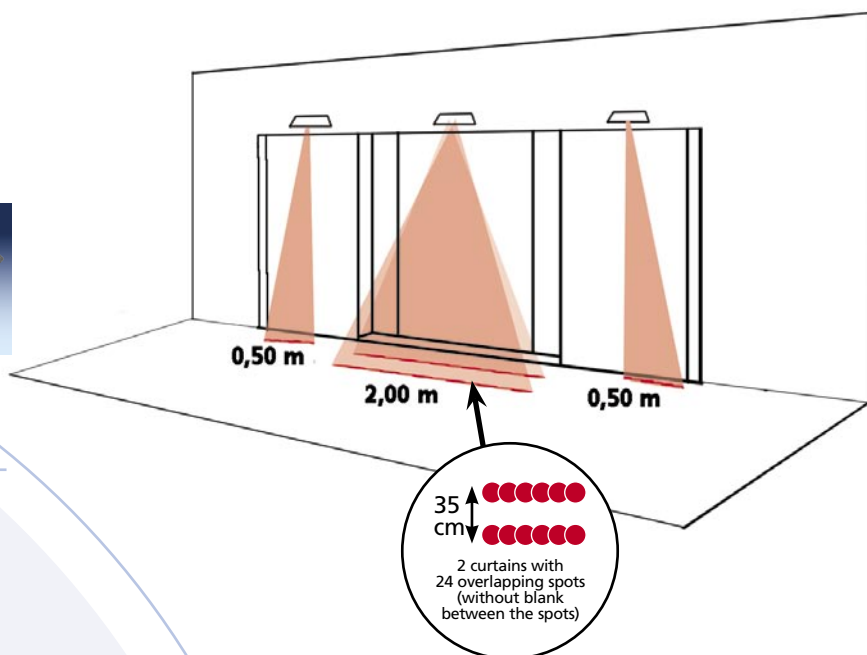


Description

- 1 Power cable
- 2 Push buttons
- 3 Connector
- 4 Fixation screws

Sensing fields

Infrared curtain
(tilt angle 0° met wide field lens)
Mounting height: 2.2 m



Accessories



- 1 **REMOTE CONTROL**
- 2 **SPOTFINDER** : to locate the infrared curtains
- 3 **LENSES** (different widths) : to adjust the width of the curtain

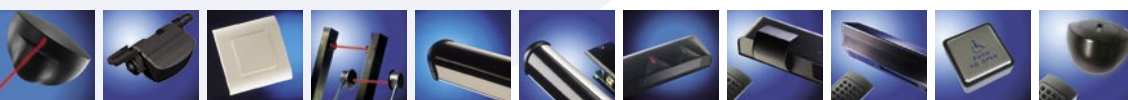
Technical specifications

Technology	focused active infrared and self-monitored microprocessor
Spot diameter (H=2.2 m)	max. 0.1 m
Number of spots	6, 12 or 24 by curtain
Number of curtains	1 or 2
Mounting height	
• Standard	from 1.8 m to 3 m
• High	from 3 m to 4 m
Detection field (H=2.2 m)	
• Wide	2 m (W) x 0.35 m (D)
• Narrow	1 m (W) x 0.35 m (D)
Detection mode	presence
Response time	< 128 ms
Angle	from - 4° to + 4° (adjustable)
Output	relay or optocoupled transistor
Temperature range	- 25° C to + 55° C
Degree of protection	IP54
Dimensions	262 mm (L) x 55 mm (H) x 44 mm (D)
Weight	250 g
Housing colour	anthracite grey (standard), aluminium or white finish

Application



Subject to modification



BEA

We open up New Horizons

A HALMA GROUP COMPANY