

EYE-TECH

High performance
safety
for swinging
and revolving doors



Technology

- Master/slave system providing the greatest flexibility by adding modules depending on the door width
- In addition to making the door width safe, it secures the sharp edge of the door leaf

Detection

- Totally insensitive to colour variations or reflectivity of the ground
- Detection speed twice as fast as the best product on the market : the door stops twice as fast !
- Installation on the top of the door leaf provides safety over the whole height of the door, with a small dead zone, preventing any risk of damage to the door and the Eye-Tech by trolleys, hospital beds...
- Available in version monitored by the door operator

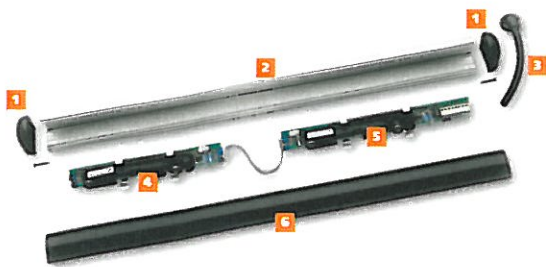
Look

- Vandal-proof system : if the Eye-Tech is blinded, it puts the door in safety mode
- A brand new futuristic design, with a black front cover which completely hides the electronic components
- Available in bulk or in kits
- Extremely easy installation and adjustment, thank to the insertion of modules (Masters and Slaves) and the front cover by the front

■ active infrared presence sensing system

High performance safety sensor placed on the top of the door leaf, for perfect safety for individuals and goods, at any time, whatever the door's position.



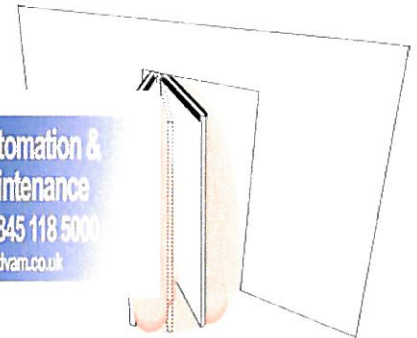


Product description

- 1 Side covers
- 2 Aluminium profile
- 3 Connection
- 4 Slave unit
- 5 Master unit
- 6 Front cover

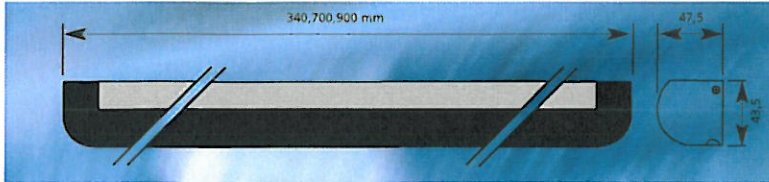


Sensing fields



ON A SWINGING DOOR

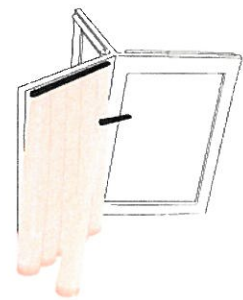
The Eye-Tech provides a perfect safety of all swinging door, with an extra-safety area : the sharp edge of the door



- Dimensions
- Available in 3 standard lengths (340, 700 and 900 mm)

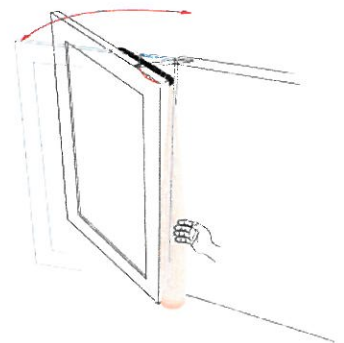
Technical specifications

| | |
|---|--|
| Technology | active infrared : • 1 Master module • 9 Slave modules (standard version) • 8 Slave modules (monitored version) |
| Detection range | 0.7 m to 2.5 m (adjustable by rotating came with linear adjusment) |
| Tilt angle of the modules | 0° - 5° - 10° - 15° - 20° - 25° |
| Diameter of the infrared spot at 2 m height | 0.13 m |
| Detection mode | presence (and motion) |
| Detection signal duration (presence) | infinite |
| Response time | < 50 ms |
| Special inputs | • system inhibition • in option : monitoring |
| Supply voltage | |
| • relay output | 12 - 24V AC/DC +/- 10% |
| • transistor output | 12 - 30 V DC +/- 10% |
| Mains frequency | 50 to 60 Hz |
| Current consumption | |
| • Master ON | 60 mA maximum |
| • Slave ON | 40 mA maximum |
| • Master OFF | 30 mA maximum |
| • Slave OFF | 30 mA maximum |
| Standard output | relay with switch-over contact (voltage free) |
| • Relay contact ratings (max. voltage) | 60 V DC / 125 V AC |
| • Relay contact ratings (max. current) | 1 A (resistive) |
| • Max. switching power | 30 W (DC) / 60 VA (AC) |
| Optional output | open collector transistor |
| • Max. voltage | 30 V DC |
| • Max. current | 100 mA (short circuit protected) |
| Output hold time | 0.1 s to 4.5 s (adjustable) |
| Adjustments | • detection range (by rotating came) • hold time (by potentiometer) • Normal/Anti-masking selection (by jumper) • configuration Dark ON/Light ON (par cavalier) |
| Temperature range | - 20 °C to + 50 °C |
| Immunity | electrical and radio frequency interferences |
| Dimensions | 340-700-900 mm (W) x 43,5 mm (H) x 47,5 mm (D) |
| Weight | • 0.330 Kg (length of 340 mm, 1 Master) • 0.620 Kg (length of 700 mm, 1 Master + 1 Slave) • 0.740 Kg (length of 900 mm, 1 Master + 2 Slaves) |
| Material | aluminium, ABS and Plexiglas |
| Housing colour | aluminium (black or chrome in option) - black front cover |
| Connection sheath | 0.5 m |
| Degree of protection | IP52 |



ON A REVOLVING DOOR

A series of EYE-TECH's is the ideal equipment for the safety of revolving doors



ON A BALANCED DOOR

The Eye-Tech is also a perfect solution for the safety of balanced doors

Application



Subject to change without notice



BEA
We open up New Horizons