



Infrared Exterior 6m. Interior 10m. 2 to 8 Min. 0.5m. Max. 2.5m. 12 Vdc

FINIRIS

Infrared barrier for **residential** protection

> PRINCIPLE

The **FINIRIS** infrared barriers consist of a master and slave column with each one containing pairs of transmitter-receivers.

Each pair consists of an infrared transmitter cell and receiver cell. The MASTER card transmits the signal to the SLAVE, which, if the signal is received, re-transmits it to the MASTER card.

The barrier can handle up to 8 cells in all. With **FINIRIS EXT** extension kits, it is possible to add two additional cells.

> APPLICATIONS

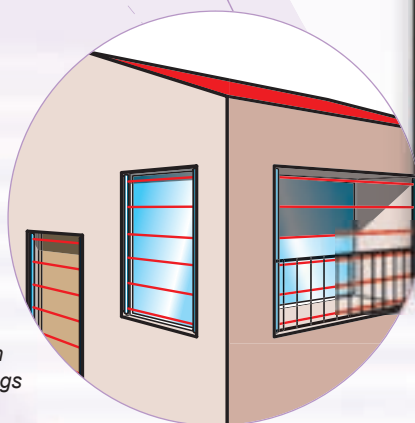
FINIRIS is particularly suited for protection of windows, French doors, and entry ways such as garage or warehouse doors.

Because of its design **FINIRIS** must be installed in an opening or in one part or another of a passageway.

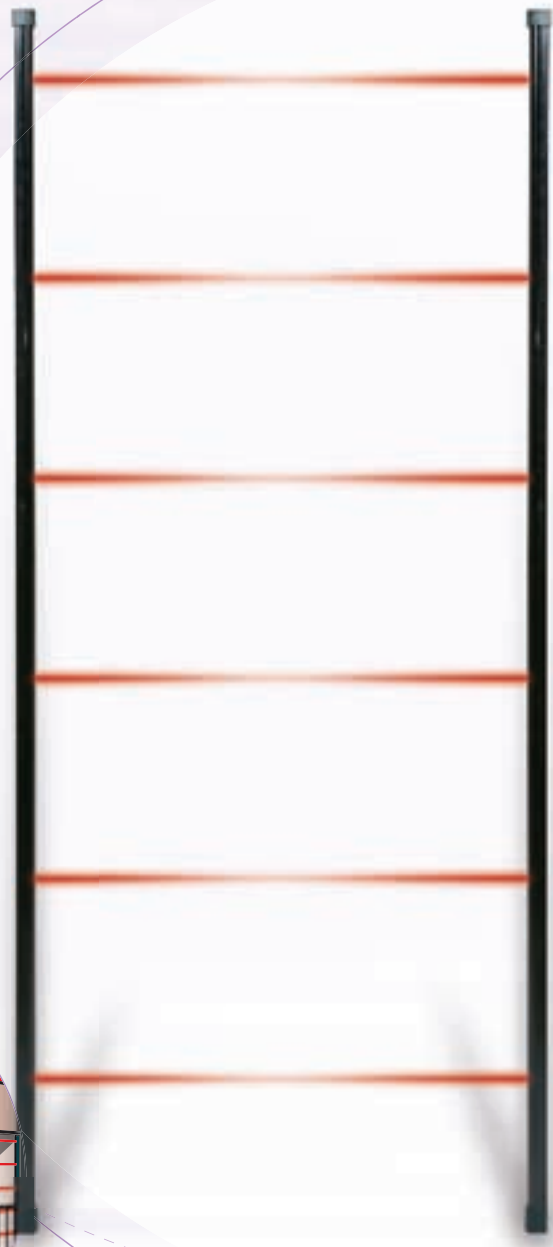
The extruded aluminum housing and the polycarbonate cap can be trimmed to length by the user to better conform to the environment.

The transmitter and receiver cells slide along the housing to the desired height.

Its slim design makes its integration discreet.



Discreet and convenient installation in facade openings



RANGE ✓ 6 m exterior, 10 m interior.

DISCREET ✓ Slim design (25 mm wide).

EASE OF INSTALLATION ✓ Optical synchronization
2 power supply cables, 1 alarm switch, 1 tamper switch per column.

CUSTOMIZATION ✓ Column height can be adjusted to change the number of cells and their positions.

ECONOMICAL ✓

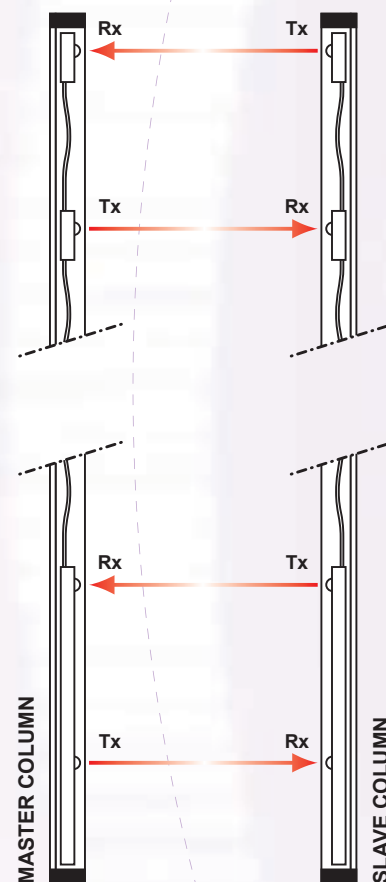
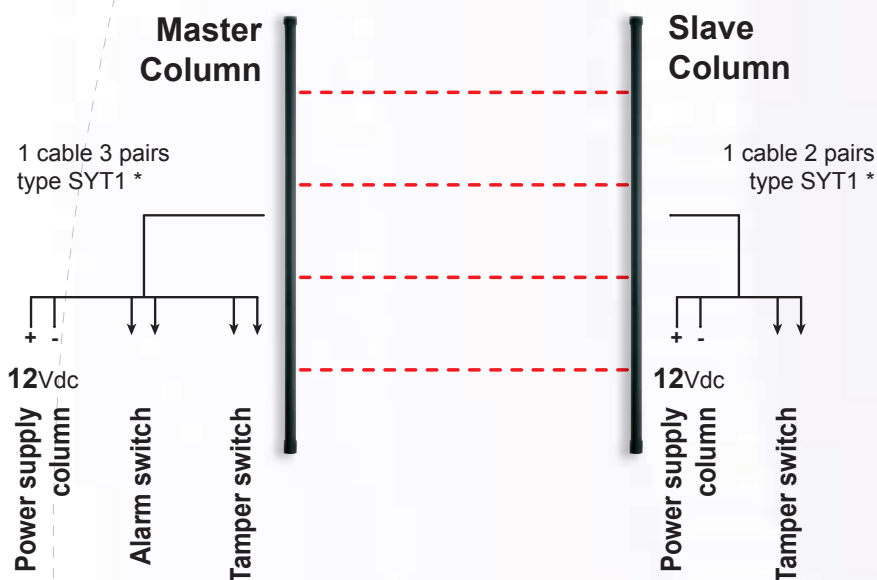
> TECHNICAL SPECIFICATIONS

| | |
|------------------------------------|---|
| Range | 10 m interior / 6 m exterior |
| Column heights | 0.5 m to 2.5 m |
| Light source | Pulsed infrared, wavelength 950 nm |
| Number of cells | 2 to 8 according to height, operating as pairs |
| Detection mode | Timed mono detection adjustable from 0.1 to 1 s, or instant doubled detection |
| Power Supply | 12 Vdc |
| Power consumption | Max. 1.5 W |
| Current consumption | Max 60 mA (4 pairs of activated cells) |
| Operating temperature | -20°C to +55°C |
| Alarm | Alarms can be configured for interruption of 1 or 2 beams |
| Relay output (dry switch reverser) | N.O. / N.C |
| Relay trigger | Minimum 100 ms maximum 1 second. Reset: 0.5 second |
| Dimensions | Section 22 mm x 25 mm |

> REFERENCE

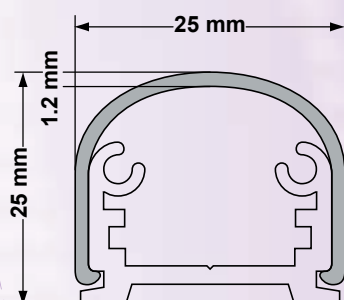
| INFRARED BARRIER COMPLETE ONE MASTER COLUMN and ONE SLAVE COLUMN | | | |
|---|-----------|---------------------|---------------------------------------|
| | | Exterior range: 6 m | Interior range: 10 m |
| TYPE | Reference | Height | Item |
| FINIRIS 0.5M | 30325401 | 0.5m | FINIRIS barrier 2 cells |
| FINIRIS 1M | 30325402 | 1m | FINIRIS barrier 4 cells |
| FINIRIS 1.5M | 30325403 | 1.5m | FINIRIS barrier 4 cells |
| FINIRIS 2M | 30325404 | 2m | FINIRIS barrier 4 cells |
| FINIRIS 2.5M | 30325405 | 2.5m | FINIRIS barrier 4 cells |
| FINIRIS EXT | 30325406 | | Kit with 2 cells for FINIRIS barriers |

> WIRING



* Warning for voltage drops in power supply lines: do not exceed 120 m for paired-wires of 6/10 mm dia. For longer distances, refer to the technical documentation.

> DIMENSIONS In millimeters



Detail of master and slave cells