SECURITY COMPANY

TRENDY DATA SHEET

SELF POWERED ACTIVE INFRARED BARRIER

- **Compatible with any radio transmitter**
- **Lithium battery autonomy of 2 years**
- **Maximum range of 5 m**
- **Double led - AND/OR function**
- **Available heights from 0,5 m to 3,0 m**
- **Optical synchronism**
- **Beams adjustable within the profile**
- **Expandable up to a maximum of 7 beams**
- **Aluminium structure and polycarbonate cover**
- **Customized profile heights available on request**
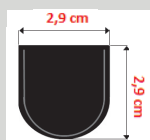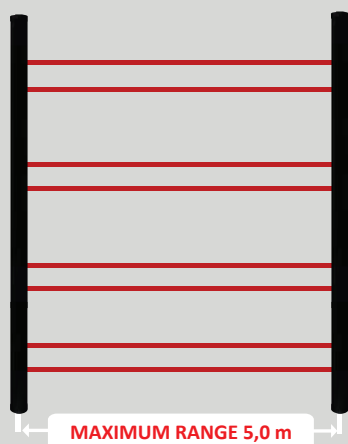- **Protection class IP54**

INFRARED TECHNOLOGY

TRENDY is a wireless, self-powered miniature IR barrier with double led which is compatible with
any radio transmitter. It is made up of two symmetrical profiles to be installed at the sides of the entrances
to be protected and it can anticipate intrusion by allowing maximum freedom of movement within the protected
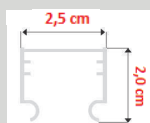area even with windows and doors open.
TRENDY guarantees an excellent reliability standard, hight immunity to sunlight and to insects.
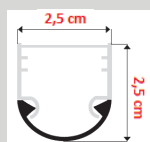
APPLICATIONS

TRENDY protects: doors, windows, garages, shutters, terraces, skylights

MAXIMUM RANGE 5,0 m

2,9 cm **CAP SIZES** — 2,9 cm

2,5 cm **ALLUMINIUM PROFILE SIZES** — 2,0 cm

2,5 cm **BARRIER PROFILE SIZES** — 2,5 cm

TECHNICAL FEATURES

Maximum range	5,0 m
Minimum distance between receiver and transmitter	20 cm for all heights
Height	0,5 m – 1,0 m– 1,5 m – 2,0 m – 2,5 m - 3,0 m(for non-standard heights, please contact the supplier)
Width and depth	width 2,5 cm - depth 2,0 cm (with cover 2,5 cm)
Cap dimensions	Width 2,9 cm - depth 2,9 cm - height2,4 cm
Profiles	Extruded in IR aluminium and polycarbonate
Synchronisation	Optical
Number of beams	Max. 7 double lenses (14 linear beams)
Power supply and maximum absorption	power supply: 3.6 V/ 4800 mAh lithium batteries - maximum absorption: 220 µA - TX + 220 µA - RX
Wireless usage	Yes
Operating temperature	– 25°C + 70°C
Detection system	OR - AND su TX e RX
Tripping time	200 ms
Alarm output	NC - NO relay contact
Tamper output	Open Collector
LED indicators	Synchronism - Alarm
IR signal	Pulsed, coded
Anti-blinding system	Infrared with alarm output
Compliant with standards	CEI 79/2
Compliant with Directive	ROhs 2011/65/UE
Protection class	IP54