

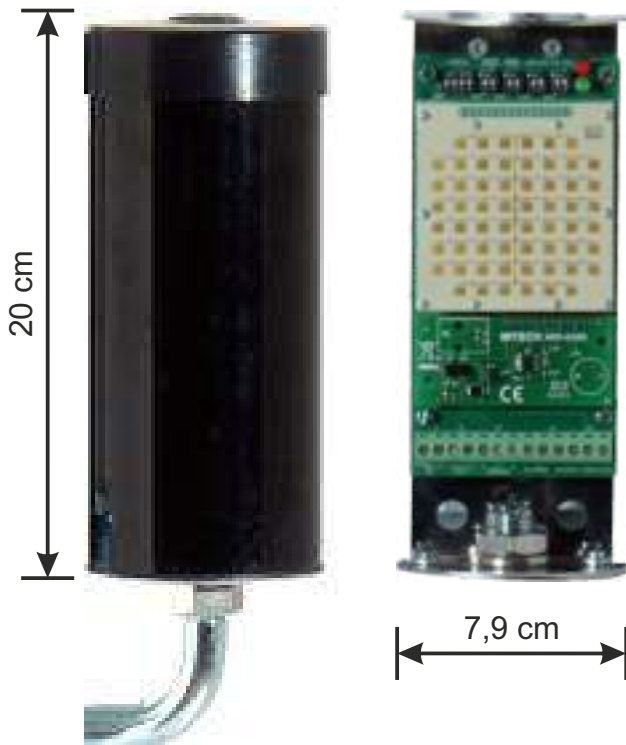
# OUTDOOR SECURITY BARRIERS AND SENSORS

Prevent the intrusion, protect the external gates

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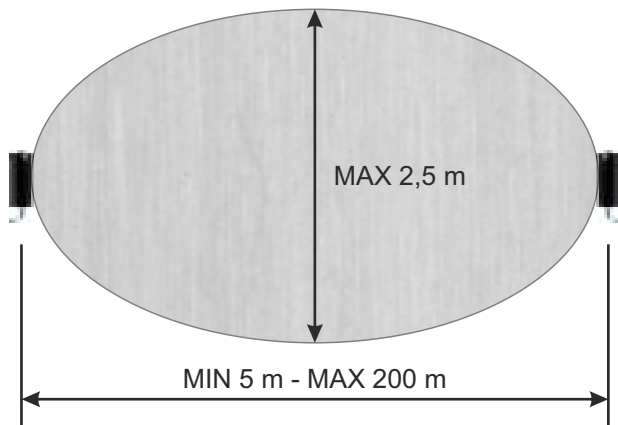
# Microwave barrier with 200m range



- Range: from 5m to 200m
- Small size
- Pole or wall installation
- RS485 interface
- Adjustable sensitivity
- IP65 protection
- Operation: from -25 ° C to + 55 ° C
- TX + RX consumption only 180mA at 12VDC
- Horizontal lobe opening <1.5 °
- Frequency: 24GHz (over 200 channels)
- Conformity: EN 50131-1 / CEI 79-3
- ROhs: 2001/65 / EU
- 3 year warranty

## OVERVIEW

TALOS SMART is a miniaturized and high efficiency microwave barrier with a range of 200 meters. It consists of a TX + RX pair with IP65 protection degree, configurable either through DIP SWITCH or with the included software. It can be installed on a pole or on the wall.

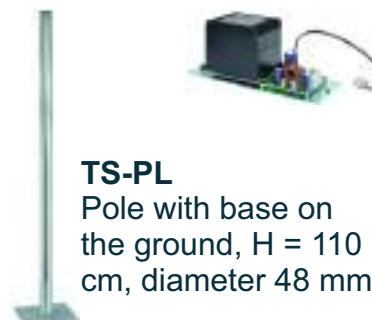


## ACCESSORIES INCLUDED



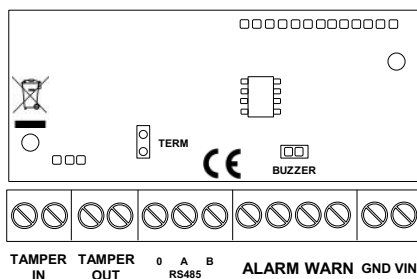
Bracket for pole fixing, box for pole or wall fixing, cable gland, configuration software.

## OPTIONAL ACCESSORIES



**TS-POW**  
 Power supply for  
 TALOS SMART  
 (one per device)

**TS-PL**  
 Pole with base on  
 the ground, H = 110  
 cm, diameter 48 mm



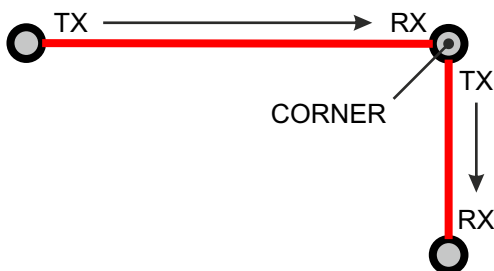
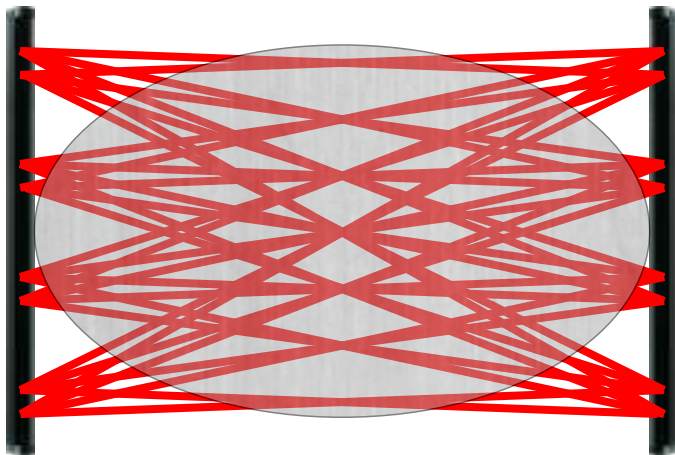
## Crossed IR rays and microwave barrier



- Range 100 meters
- Height from 1 to 3 meters in 50 cm steps
- Up to 50 active IR crossed rays
- With or without microwave
- Option for lighting fixture
- CORNER option with TX + RX
- 12VDC nominal power supply
- Automatic disqualification with alarm
- Integrated heater (24VAC 30W)
- Operation: from -35 ° C to + 70 ° C
- IP65 protection
- Conformity: EN 50131-1 / CEI 79-3
- ROhs: 2001/65 / EU
- 3 year warranty

### OVERVIEW

TALOS CROSS protects external perimeters with crossed active infrared rays also supported by microwave. Thanks to the integrated heater and the high degree of protection, they also work in severe weather conditions. Available in TX, RX and CORNER version which integrates both. Look at the price list for the available models.



### ACCESSORIES INCLUDED



#### TCU-BG

Ground fixing bracket.

Only if specified at the time of the order, the TCU-PW model can be requested as alternative

### OPTIONAL ACCESSORIES



#### TCU-POW (Recommended)

Dual power supply 220VAC - 12VDC/24VAC. One is needed per column, it can be installed inside. (not in 1 meter high columns).



#### TCU-LSC

Cognac-colored spherical luminaire



#### TCU-LC

Cylindrical luminaire



#### TCU-LSW

White spherical luminaire



#### TCU-AS

Anti-climbing cap



#### TCU-CAM

Cap with universal camera support

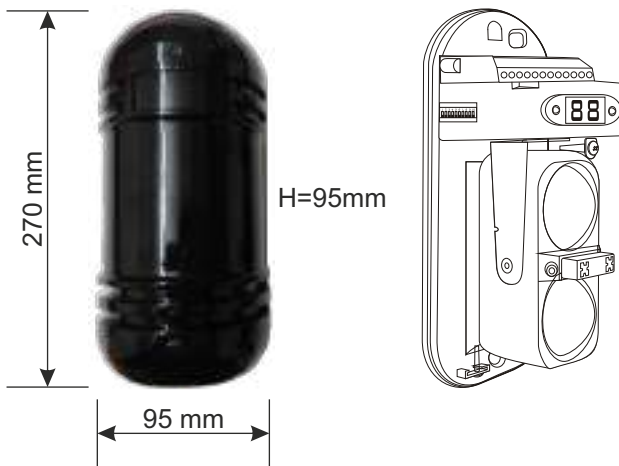


#### TCU-PW

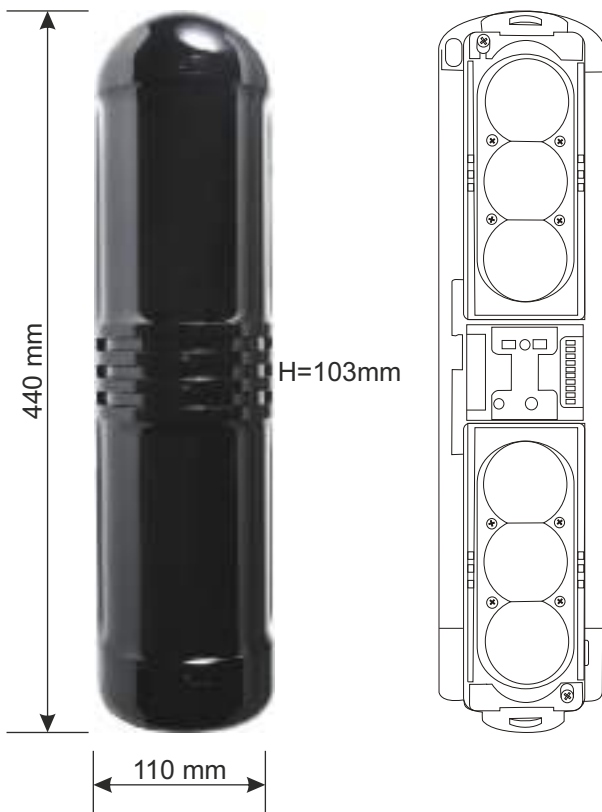
Bracket for wall mounting

# Active infrared miniature barrier

**BLADE 2**  
 2 ACTIVE RAYS



**BLADE 6**  
 6 ACTIVE RAYS



- 2 or 6 active rays
- Outdoor range from 30 to 250 meters
- Indoor range from 90 to 750 meters
- Disqualification alarm in case of adverse weather conditions
- Optical adjustment: vert.  $\pm 90^\circ$  hor.  $\pm 10^\circ$
- Power supply 12-24VDC nominal, 15W
- Operation: from  $-25^\circ\text{C}$  to  $+55^\circ\text{C}$
- Configurable sensitivity.
- 3 year warranty

## OVERVIEW

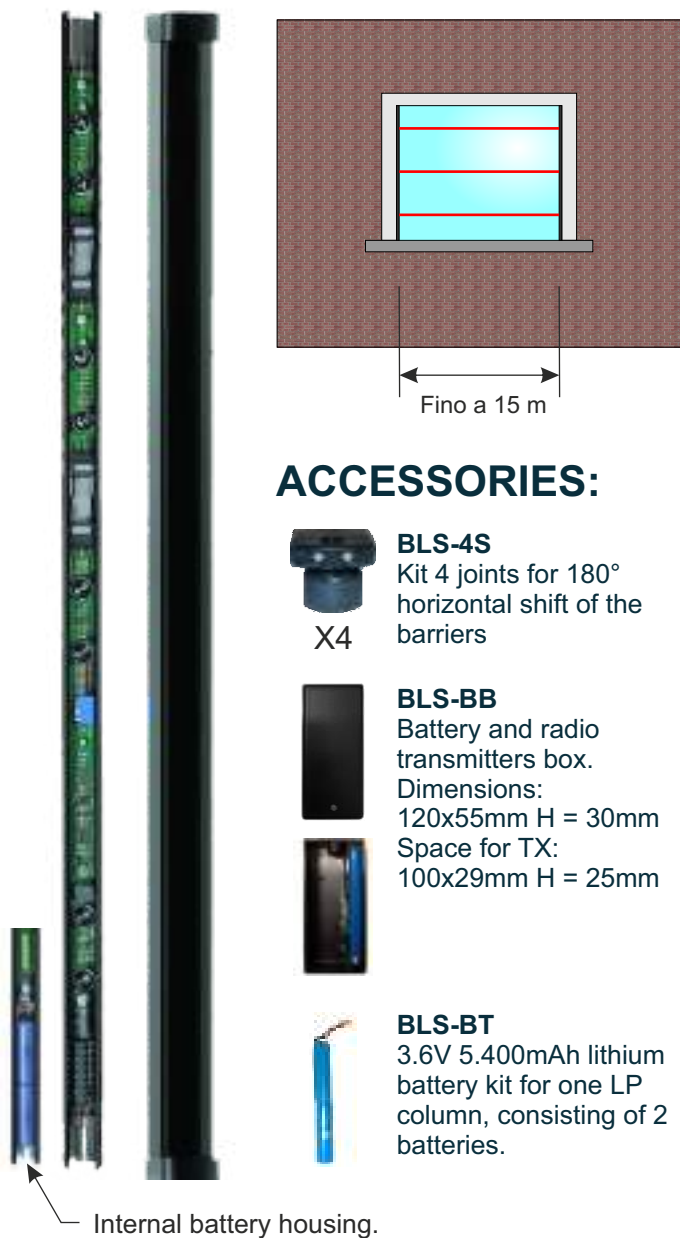
BLADE 2 and BLADE 6 are active infrared barriers, consisting of a transmitter and a receiver, suitable for outdoor installation. They are suitable for making protections against the crossing of vehicles or people, protecting the upper part of the surrounding walls, fences and external perimeters. They can also be installed indoors and in this case the range is considerably higher. They are self-compensated in case of fog, but when this exceeds the limit that can compromise operation, a disqualification alarm is generated.

## AVAILABLE MODELS:

SERIES	PART #	RANGE (m)	
		INDOOR	OUTDOOR
BLADE 2	BLM02-0903	90 m	30 m
	BLM02-1806	180 m	60 m
	BLM02-3010	300 m	100 m
BLADE 6	BLM06-1505	150 m	50 m
	BLM06-4515	450 m	150 m
	BLM06-7525	750 m	250 m



# Fixtures protection barriers



## ACCESSORIES:



**BLS-4S**  
 Kit 4 joints for 180°  
 horizontal shift of the  
 barriers

X4



**BLS-BB**  
 Battery and radio  
 transmitters box.  
 Dimensions:  
 120x55mm H = 30mm  
 Space for TX:  
 100x29mm H = 25mm



**BLS-BT**  
 3.6V 5.400mAh lithium  
 battery kit for one LP  
 column, consisting of 2  
 batteries.

- Range 3,5m - 5m -15m
- 12VDC power supply or with lithium battery
- Wired or optical synchronism
- Up to 10 double lenses (20 rays)
- High immunity to sunlight and insects
- Overall dimensions with 30x30mm caps.
- Heights from 0.5 to 3 meters in steps of 50 cm
- IP54 protection
- Operation: from -25 °C to + 70 °C
- Conformity: EN 50131-1/CEI 79-3
- ROhs: 2001/65/EU
- 3 year warranty

## OVERVIEW

BLADE SLIM is a family of barriers for the external protection of fixtures. Each protection consists of a TX+RX pair powered at 12VDC nominal 110mA or with lithium battery supplied. The battery is housed internally, the BLS-BB box can also be used to house it externally together with the alarm system transmitter.

The height of the column can be reduced by sawing the profile and compacting the internal electronics, specially designed for the purpose. Depending on the height and the number of lenses, the height can be reduced by 20 ... 25%. The BLS-4S joint kit is available to install the barriers in a position not perpendicular to the supporting wall. The autonomy of the battery version is 24 months.

## AVAILABLE MODELS:

Item	Color	Range	Sync	Supply
BLSLRxx-xxBL	Black	15 m	Wired	12 VDC
BLSLRxx-xxWT	White	3,5 m	Wired	12 VDC
BLSTDxx-xx	Black	5 m	Optical	12 VDC
BLSLPxx-xx	Black	5 m	Optical	Battery

For details on the height and number of optical rays, see the price list.



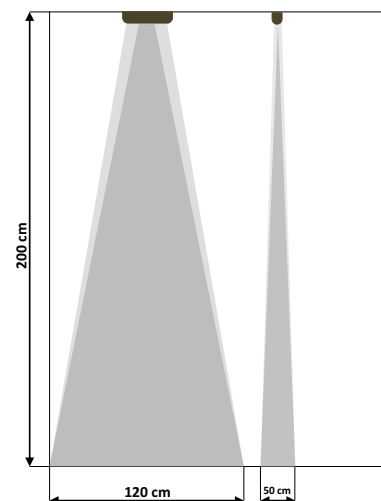
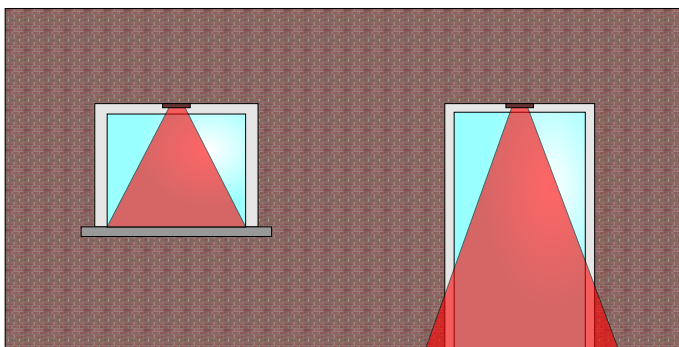
# Curtain sensor with double PIR and microwave



- Range: 4 meters
- Double PIR
- Optional microwave
- Double anti-masking + accelerometer
- Detection angle: 35°
- IP54 protection
- Operation: from -20° C to +50° C
- Dimensions: 190 x 30 x 26 mm - weight 130 g
- 4 detection zones
- Configurable sensitivity + AND/OR microwave.
- Conformity: EN 50131-1/CEI 79-3
- ROHs: 2001/65/EU
- 3 year warranty

## OVERVIEW

BLIND-D is the ideal sensor to protect doors and windows from the outside. It is protected against sabotage for both masking and removal attempts. It is weather resistant and small in size. Available with or without microwave, with 12VDC nominal power supply or with lithium battery supplied, white or brown. The autonomy of the battery version is 3 years.



## AVAILABLE MODELS:

**BLDxxxx**

ST = Double PIR, power supply 12VDC LP = Double PIR, battery power supply MO = Double PIR + microwave, power supply 12VDC ML = Double PIR + microwave, battery power supply	MODEL	COLOR	WT = White BL = Black
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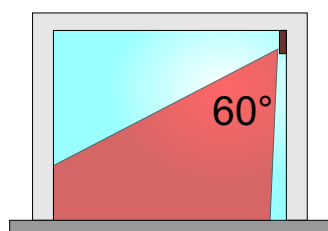
# Curtain sensor with double technology



MOD. 12 (Double technology)



MOD. 08 (Only PIR)



MOD. 08 COVERAGE

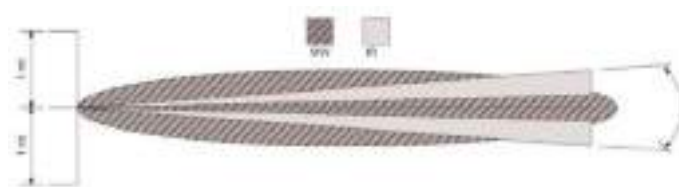
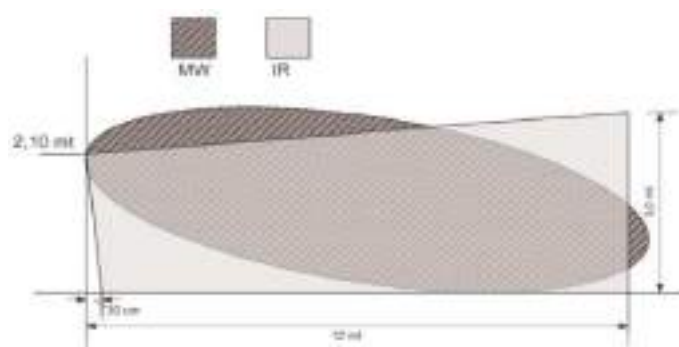
## AVAILABLE MODELS:

Part #	Micro-wave	Range	Color	Wideness	
				Vert.	Horiz.
BLC08WT		8 m	White	60°	7°
BLC08BR		8 m	Brown	60°	7°
BLC12WT	✓	12 m	White	80°	7,5°
BLC12BR	✓	12 m	Brown	80°	7,5°

- Double technology: PIR and microwave
- Range: 8m or 12m
- Small size
- Opening 60° (mod. 08) or 80° (mod. 12)
- Room temperature compensation
- 12VDC nominal power supply
- IP54 protection
- Operation: from -25 °C to +50 °C
- Tamper with microswitch (mod. 08) + anti-masking (mod. 12)
- Conformity: EN 50131-1/CEI 79-3
- ROhs: 2001/65/EU
- 3 year warranty

## OVERVIEW

BLIND-C sensors have dual technology (PIR + microwave), or only PIR. They are extremely miniaturized and suitable for the protection of doors and windows from the outside. The installation is in an angular position and, depending on the model, covers 60° or 80°. They are weather resistant and available in white or brown color.



MOD. 12 COVERAGE