

TOWER IR

ACTIVE INFRARED BARRIERS

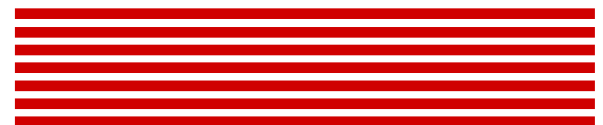
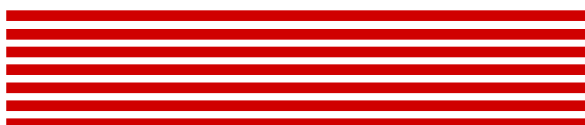
Available in terminal and bi-directional version

TOWER IR are the perimeter barriers with crossed beams and double lens. In combination with the appropriate accessories, they can be camouflaged in a lighting pole that combines aesthetics and functionality with a reliable safety device. Both pre-cabled and ready for installation they are composed of a transmitting and a receiving unit. The transmitter emits a coded sequence of infrared beams which are detected by all the receivers. The barriers are supplied with optical synchronization because each beam is recognized by means of differentiated optical codes. TOWER IR are more suitable for harsher environments and weather situations (low temperatures, fog, humidity, wind gusts) thanks to the built-in automatic temperature control device, the disqualification system and sturdy aluminium structure.



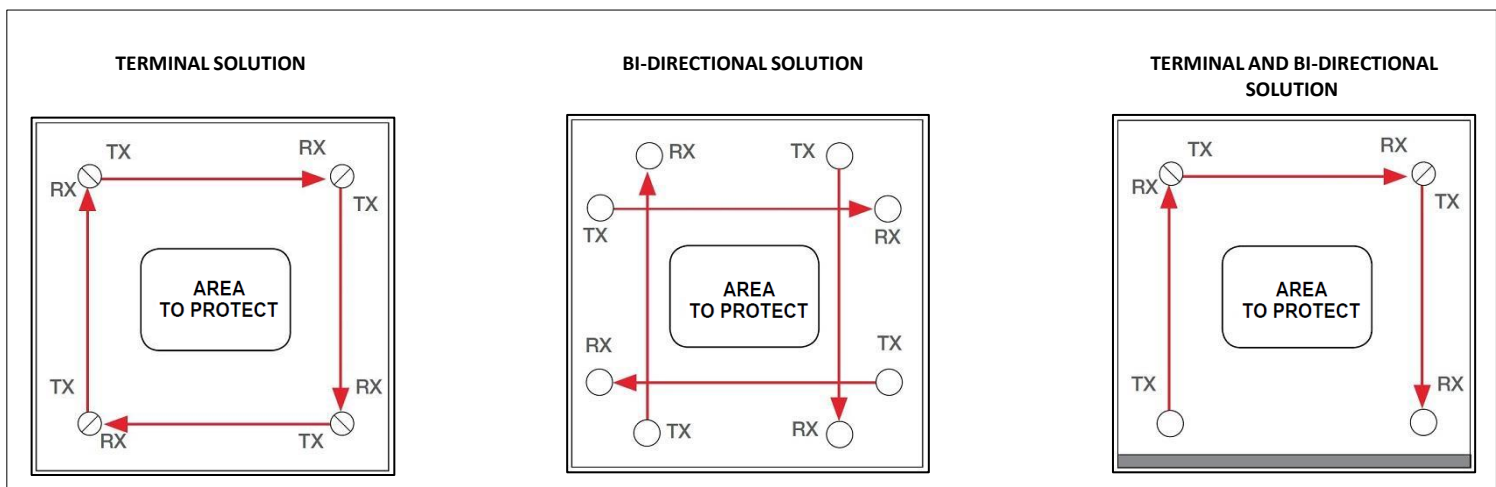
ACCESSORIES

GAR GR Ground fixing base	GAR WL Wall mounting bracket	GARPOW Dual power supply	TW PRCAP Anti-climbing pressure cap
TW CAMCAP Universal camera support	GAR LAMP - CO Globe light fixture 32 cm Ø - cognac colour - E27	GAR LAMP - WH Globe light fixture 32 cm Ø - white colour - E27	GAR LUMYA Cylindrical light fixture white colour - E27



TECHNICAL FEATURES

Outdoor range	Max: 100 m – min: 15 m (For distances of less than 15 m please contact the supplier)
Barrier dimensions:	Diameter: 14 cm – heights: 1,0 m - 1,5 m - 2,0 m - 2,5 m - 3,0 m (For non-standard heights, please contact the supplier)
Barrier structure	Extruded in aluminum and IR polycarbonate
Power supply	12 Vdc - 24Vac (for heaters)
Disqualification	Automatic
Maximum consumption	390 mA (TX 120 mA - RX 270 mA)
Maximum heaters absorption	RX 30W - TX 30W
Operating temperature	- 35°C + 70°C (with heat regulator)
Synchronization	Optical
Maximum number of lenses	5 double
Maximum number of beams	50 crossed
Vertical alignment angle	30°
Horizontal alignment angle	180°
Detection system	OR-AND
Anti-blinding system	Automatic
Tripping time	Adjustable from 50 to 500 ms
Alarm output	NC/NO relay contact
Tamper output	NC contact
Led indicators	Power supply - Blinding - Heating, low signal - Alarm – Detection
IR signal	Pulsed coded
Standard compliance	EN 50131-1 and CEI 79-3
Rohs compliance	2011/65/UE
Protection class	IP65
Warranty	3 years



MITECH® srl

Offices:
Via Roncaglia, 14
20146 Milano – Italy

Production:
Via Ramazzone, 23
43010 Fontevivo (PR) – Italy

Phone: +39 02.48006383
Fax: +39 02.48025620
tech@mitech-security.com



www.mitech-security.com