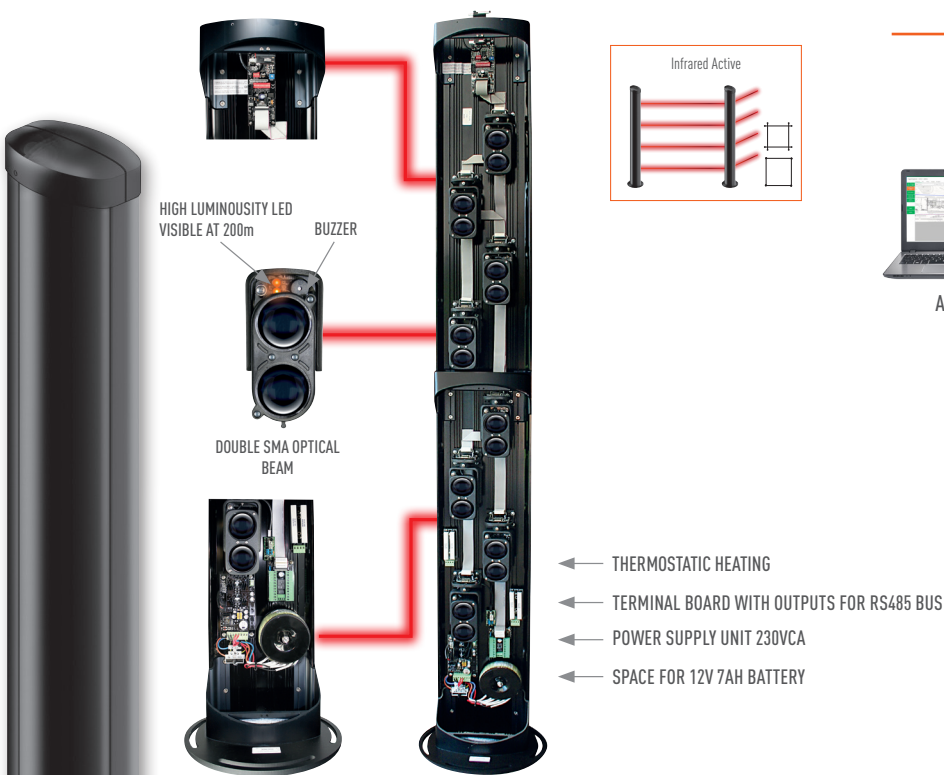


MANA IR SMA



Long range dual/triple IR barrier technology

SMA (Single Man Alignment) technology enables alignment only with one operator, given a high efficiency led and a buzzer positioned on each receiver optical beam indicates the best level of the signal received without using any tool. MANA IR SMA can be connected on BUS RS485 and managed with the ADEBUS centralisation system.



HIGH LUMINOUSITY LED VISIBLE AT 200m

BUZZER



DOUBLE SMA OPTICAL BEAM



Accessories



Technical characteristics

Maximum use distance outdoors	100 m 250 m
Maximum use distance indoors	200 m 500 m
Reach maximum distance	500 m 850 m
Optical with double beam	Yes with 50 mm lenses in AND
IR beams	Impulse rays in work wave 950 NM
Synchronisation	Spin or Optics
Pointing and alignment system	Optical-acoustic SMA technology
Beam arrangement	Parallel or Crossed
Configuration of double beams inside tower	2-3-4TX + 2-3-4RX
Configuration of beams in the tower in TERMINAL mode	2-4-6TX and 2-4-6RX
Settable operating mode	180 ° Horizontal 20 ° Vertical
Settable beams bypass mode	OR - AND RANDOM on board or remotable
Settable beams exclusion mode	1st or 1st and 2nd Radius on board or remotable
Crawl detection function on first, bottom beam	YES on card
Minimum limit distance between towers TX and RX in operation of the distance and number of beams	No limit if Paralleli - from 4 to 8 meters if crossed
Adjustment of intervention time	From 50 to 500 mS with trimmer
Power supply for tower	230 Vac mains with outputs: 13.8 Vdc circuitry and 24 Vac thermostat
Internal column battery compartment	12V up to 7 Ah
Circuit absorption	From 135 to 150 mA per column, based on the number of beams housed
Thermostatic heaters absorption	From 35 W to 85 W per column
Working temperature	From -25 ° to + 70 ° C
Alarm output	Relay with free contacts NC / NO
Tamper-proof output	Tamper opening column and front polycarbonate
Fog environmental output	YES with dedicated OC output
Output for beam masking	YES with dedicated OC output
RS 485 serial output only with wire synchronism	YES for local and remote control with ADEBUS system
Level of protection	IP54
Profile dimensions LxDxH	250 mm x 200 mm from 1000 to 4000 mm *
	* on request it is supplied with a special base and accessories for pole or wall mounting