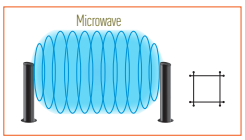
MANA MW

Barrier for vast perimeter security

The management electronic board, on the RX tower, is equipped with all the tools necessary to simplify the installation operations. A coloured led bar indicates optimal alignment and the quality of the signal received, while a digital display shows the quantity of the same signal. Furthermore, it enables control of the power supplies in the individual parts of the tower. A buzzer can then be activated to check the detection area during the walk test phases.

MICROWAVE
24 GHz



BUZZER WALK-TEST

LED BAR FOR MW ANALYSIS

Accessories

MICROWAVE
DOPPLER

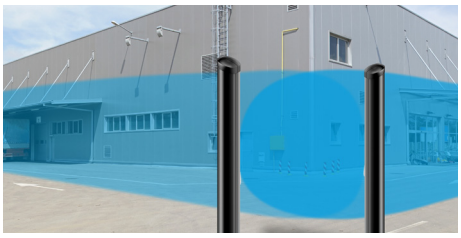
MANA FOR
TOWER REINFORCEMENT
BRACKETS

MANA BH
BATTERY SUPPORT BRACKET

MANA AC TOP COVER
ANTI-CLIMB

POB 30
CABLE PIT

MANA SD
BRACKETS FOR
WALL MOUNTING



POLITEC
Perimeter protection

Technical characteristics

Maximum use distance outdoors	250 m
Maximum use distance indoors	500 m
Reach maximum distance	800 m
Configuration of double beams inside the barrier	1 or 2 microwave pairs
Configuration of beams in the tower in TERMINAL mode	1 TX tower and 1 RX tower
Minimum limit distance between towers TX and RX	10 m
Microwave working frequency	24 GHz in K-band with cavity and 200 mm dish antenna
Microwave modulation channels	4 switching/selective
Max diameter of the lobe	4 m in the middle of the maximum distance
Pointing, alignment and Walk-test system	Optical with Display, LED bar and acoustic on the RX board
Sensitivity adjustment	With trimmer on board
Supply per column	230 Vac mains with outputs: 13.8 Vdc circuitry and 24 Vac thermostat
Internal column battery compartment	12V up to 7 Ah
Circuit absorption	TX 200 mA and RX 200 mA
Absorption of thermostated heaters	60 W per column
Operating temperature	From -25 ° to + 70 ° C
Alarm output	Relay with NC contacts
Anti-tampering output	Tamper opening column and front polycarbonate
Level of protection	IP54
Profile dimensions LxPxH	250 mm x 200 mm from 1000 to 4000 mm on round base diameter 300 mm *
	* on request it is supplied with a special base and accessories for pole or wall mounting

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