

# Datasheet MANA MW

## Long range industrial barrier MW

Long range microwave barrier (250m) in K band. Small lobe dimensions (4m) to allow application even in narrow corridors. Adjustment of the detection mass and a board from the alarm threshold. The electronic management board, present in the RX column, is equipped with all the tools necessary to simplify installation operations. A colored LED bar indicates the optimal alignment and the quality of the signal received, while a digital display shows the quantity of the same signal. It also allows control of the power supplies in the individual parts of the column. A buzzer can then be activated to check the detection area during the walk test phases. The DT3 accessory, microwave doppler sensor to be placed inside, allows to completely cover the dead zone in the immediate vicinity of the column.

CHARACTERISTICS	
OUTDOOR RANGE	10- 250 m
SYNCHRONIZATION	Optical
ALIGNMENT SYSTEM	Electronic display ON BOARD
BAND MW	24GHz K-BAND with 4 channels
MAX LOBE WIDTH MW	4m
SENSITIVITY REGULATION '	ON BOARD, alarm threshold \ detection mass
CIRCUIT POWER SUPPLY	230 Vac input, with linear power supply and transformer
CIRCUIT CONSUME	100 mA
HEATER POWER SUPPLY	24Vac Internally powered
HEATER CONSUME	70W
BACKUP BATTERY	Lead Acid battery 12V 7Ah max
WORKING TEMPERATURE	-25°C / + 70°C
OUTPUT: ALARM	Relay NC (40 ohm on RX side)
OUTPUT: TAMPER	Free Contacts Relay NC
IP PROTECTION	IP54 / 65 (on demand)
PROFILE DIMENSIONS	250mm x 200mm x from 1000 to 4000mm on 300mm round base* *On demand it is supplied with a special base and accessories for pole / wall fixe

## ACCESSORIES

Pit **POB30**



Anti-Climb Cap  
**MANA AC TOP**



Bottom reinforcement bracket **MANA FOR**



Wall Bracket  
**MANA SD**



Microwave sensor **DT3**  
(range 1-8m)

