POLITEC
protezioni perimetrali

Datasheet MANA DT SMA

Industrial barrier with dual IR and MW technology with high capacity for maximum security systems

It is the barrier par excellence for long perimeters in industrial areas and at the highest level of security, with anti-corrosion anodized aluminum structure and polycarbonate screen. On board power supply and extreme action range from 10 to 250m with dual technology. Each IR and MW technologues has separate outputs for independent management (OR or AND). The DT3 accessory, microwave doppler sensor to be placed inside, allows to completely cover the dead zone in the immediate vicinity of the column. The K-band microwave allows its use even in narrow corridors with a maximum lobe width of 4m. The management of this barrier can be done via RS485 bus and Adebus for remote control of each component inside.

CHARACTERISTICS	
OUTDOOR RANGE	10- 250 m
SYNCHRONIZATION	Wired / Optical
DOUBLE BEAMS OPTICS	AND with 35mm lens
PHOTEDEVICES	Pulsed type beams with a wavelength of 950 nm
ALIGNMENT SYSTEM IR	SMA Technology
CALIBRATION IR	Parallel or Crossed
BEAMS CONFIGURATION	2-3-4 TX / 2-3-4 RX
OPTICS ANGLE REGOLATION	180° horizontal 20° vertical
DETECTION SYSTEM IR	OR- AND RANDOM on board or remote control
IR BEAM EXCLUSION	1° or 1° and 2° beam on board or remote control
ANTI CRAWLING FUNCTION IR	YES
INTERVENTION TIME REGOLATION IR	50-500ms via trimmer
ALIGNMENT SYSTEM MW	Electronic display ON BOARD
BAND MW	24GHz K-BAND with 4 channels
MAX LOBE WIDTH MW	4m max
SENSITIVITY REGOLATION MW	ON BOARD, alarm threshold \ detection mass
CIRCUIT POWER SUPPLY	230 Vac input, with linear power supply and transformer
CIRCUIT CONSUME	250 mA
HEATER POWER SUPPLY	24Vac Internally powered
HEATER CONSUME	From 45W to 150W depending on height and number of beams
BACKUP BATTERY	Lead Acid battery 12V 7Ah max
WORKING TEMPERATURE	-25°C / + 70°C
OUTPUT: ALARM IR	Free Contacts Relay NC (on RX side)
OUTPUT: ALARM MW	Relay NC (40 ohm on RX side)
OUTPUT: TAMPER	Free Contacts Relay NC
OUTPUT: SERIAL RS485 (ONLY WITH WIRED SYNCRONIZATION)	Local and Remote control by Adebus System
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 fixed

ACCESSORIES

Pit **POB30**

Anti-Climb Cap **MANA AC TOP**

Bottom reinforcement bracket **MANA FOR**

Wall Bracket **MANA SD**

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

RS485 Control Panel **ADEBUS**

Battery Holder **MANA BH**

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