

outdoor protection
our profession



Microwave Barriers
Range 80 and 50 mt.

MES080
MES050



 **MADE IN ITALY**

MES080 Microwave Barriers

MES050



High tech outdoor microwaves with planar antenna, consists of transmitter and receiver to protect up to 50 mt. or 80 mt. The receiver incorporates signal processing with wider dynamic range, enhanced target analysis and minimum susceptibility to interference.

They offer volumetric protection able to detect any intrusion attempt. Easy to install, **MES series** can be mounted on poles or directly on walls with the optional brackets. Its small dimensions enable discrete and wide range of applications

OPERATION

Intrusion detection, using a modulated amplitude sensitive system, takes place within the invisible pattern of microwave energy

existing between transmitter and receiver. Changes in signal amplitude at the receiver are directly related to the object's size and density, allowing the sensor to discriminate between objects.

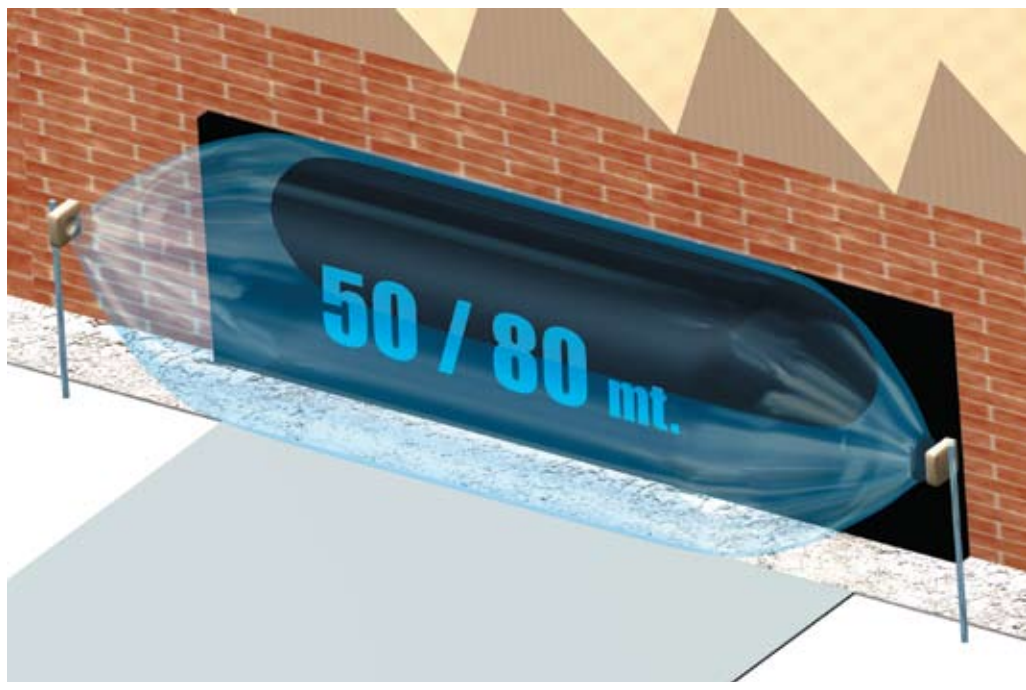
APPLICATION

Can be used in small and medium range perimeter lengths for the protection of wide industrial doors, medium size residential areas, long corridors, balconies and gates.

The robust IP65 weatherproof polycarbonate housing is ready for outdoor installation with optional wall or pole brackets.

ACCESSORIES

- **MES051:**
Multimeter connector for alignment
- **MES056:**
Support for wall-mount, 10 cm length
- **MES057:**
Support for wall-mount, 30 cm length
- **MES058:**
Support for pillar



TECNICAL FEATURES	MES080	MES050
RANGE	80 meters	50 meters
FREQUENCY	According to Country rules (Standard Frequency: 9.9GHz.)	
ALARM OUTPUT	Free Voltage Contact Relay	
MODULATION CHANNELS	4	
OPERATING VOLTAGE	12VDC +/- 10%	
LOBE DIAMETER	1-6 meter	
HOUSING	IP65	
MAXIMUM CONSUMPTION	70mA (TX + RX)	
OPERATING TEMPERATURE	-25C° to +60C°	
DIMENSIONS	125 x 125 x 50 mm (W x D x H)	
MOUNTING	POLES / WALLS	
CONSTRUCTION	Polycarbonate	