

outdoor protection
our profession



DIGITAL Microwave
Range 200 mt.

DAVE



 **MADE IN ITALY**

DAVE

Digital Microwave Barrier



SICURIT brand new Digital Microwave Barrier DAVE represents a further technological step forward in outdoor perimeter protections. It has been designed for quick and easy installation and it is suitable for any kind of environment that require medium-high security standards. The implementation of the microprocessor strongly increase the detection accuracy and enables to discriminate unwanted targets with much more high precision com-

pare to standard Microwaves.

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.

In order to meet different installation requirements, DAVE Barrier is available in 2 version:

ACCESSORIES

- **MESDAVE207:**
Pole (Ø 60mm.)
with basement
- **DAVEALI:**
Built-in power supply 230VAC / 12VDC - 500mA

ONLY FOR MESDAVERS

- **MESDAVEMBRD:**
RS485 Interface board for up to 15 DAVE200RS Barriers. 8 Input / 8 Output - 1 Serial Port RS485 - 1 Serial Port RS232 for connection to PC
- **MESDAVEM485:**
RS485 Serial Port Expansion
- **MESDAVEMIN:**
8 Input Expansion Board
- **MESDAVEMOUT:**
8 Output Expansion Board

DAVE200RS – Completely programmable by PC (local or remotely)

DAVE200RS meets the new concept of total digitalization in terms of technology, programming and maintenance. **DAVE200RS** in fact can be installed and connected through serial lines **RS485** and remotely programmed (through a dedicated Software – **MESDAVEMBRD**) according to site requirements.

RS-485 communications enables DAVE barriers to achieve:

- Higher accuracy in the programming
- Better Target discrimination
- Easier and Faster diagnostic
- Event Log with Graphic representation of Alarms
- Connection of up to 15 DAVE Barriers within one serial line (range limit 1.000mt.)
- Input and Output functions selectable

DAVE200 – with manual parameters adjustments

Designed for medium-small applications and the upgrade, enhancement or replacement of existing facility security systems, **MESDAVE200** combines the latest Digital Technology with the traditional on field setting procedure, meeting prompt and easy installation requirements.



TECNICAL FEATURES	MESDAVE200	MESDAVE200RS
RANGE	200 meters	
FREQUENCY	According to Country rules (Standard Frequencies: 9.9GHz / 10.525GHz)	
ALARM OUTPUT	Free Voltage Contact Relay	
AUTOMATIC ADJUSTMENT	Digital AGC control	
MODULATION CHANNELS	4	
OPERATING VOLTAGE	12VDC +/- 10% (Built-in Power-supply available - Ref. MESDAVEALI)	
LOBE DIAMETER	1-6 meter	
HOUSING	IP65	
MAXIMUM CONSUMPTION	90mA (TX + RX)	
OPERATING TEMPERATURE	-25C° to +60C°	
DIMENSIONS	28 x 14 x 39 cm (W x D x H)	
MOUNTING	POLES (Ref. MESDAVE207) / WALLS	
CONSTRUCTION	Polycarbonate	
VERTICAL ALIGNMENT	± 18°	
HORIZONTAL ALIGNMENT	360°	