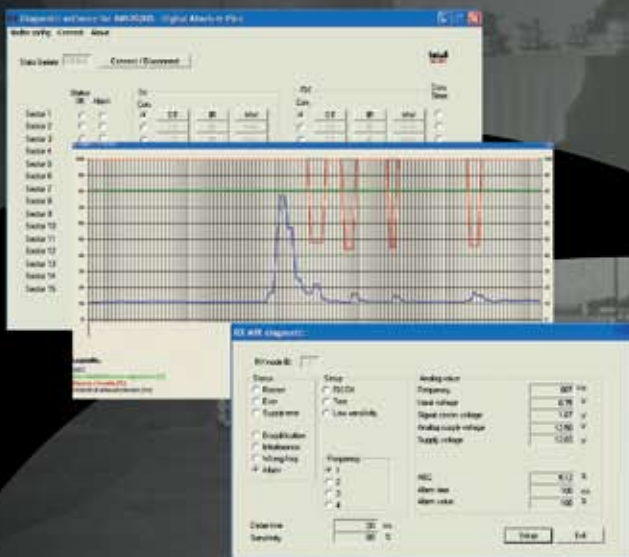


DIGITAL DAVE



RANGE up to 200 mt.

Long Range Digital Microwave BARRIER

MESDAVE200RS Range 200 mt.

MESDAVE120RS Range 120 mt.

MESDAVE060RS Range 60 mt.



OUTDOOR PROTECTION
OUR PROFESSION



MADE IN ITALY

DIGITAL DAVE

Digital Microwave Barrier



SICURIT brand new Digital Microwave Barrier DAVE-RS 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 precision compare 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 of signal amplitude at the receiver are directly related to the object's size, speed and density, allowing the sensor to discriminate between objects.

DAVE ACCESSORIES

- **MESDAVE207:**
Pole (Ø 50mm.)
with basement
- **DAVEALI:**
Built-in power supply 230VAC
/ 12VDC - 500mA



RS-485 COMMUNICATION

DAVE-RS series – Completely programmable by PC (local or remotely)

DAVE-RS series can be installed and connected through serial lines **RS485** and remotely configured through a dedicated Software included with **DAVEMBRD**, a Windows® based interface board able to collect data from up to 15 pairs of DAVE-RS barriers. Additional **DAVEMBRD** feature is the faster system diagnostic that allows Security Operators to check barriers status at any time directly from the Control Room avoiding site inspections and barrier opening.

DAVESOFT (included with **DAVEMBRD**) enables to achieve:

- Higher accuracy in DAVE-RS configuration
- Better Target discrimination
- Easier and Faster diagnostic
- Event Log with Graphic representation of Alarms
- Input and Output functions selectable

DAVEMBRD ACCESSORIES

- **DAVEM485:**
RS485 Serial Port Expansion
- **DAVEMIN:**
16 Input Expansion Board
- **DAVEMOUT:**
16 Output Expansion Board

INTERFACE BOARD



- **DAVEMBRD:**
RS485 Interface board for up to 15 pairs of DAVE200RS Barriers.
8 Input / 8 Output - 1 Serial Port RS485
1 Serial Port RS232 for connection to PC

TECNICAL FEATURES	MESDAVE200RS	MESDAVE120RS	MESDAVE060RS
RANGE	200 meters	120 meters	60 meters
FREQUENCY	According to Country rules (Standard Frequencies: 9.9GHz / 10.525GHz)		
ALARM OUTPUT	Free Voltage Contact Relay and/or via RS-485		
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	-25°C to +60°C		
DIMENSIONS	28 x 14 x 39 cm (W x D x H)		
MOUNTING	POLES (Ref. MESDAVE207) / BRACKETS		
CONSTRUCTION	Polycarbonate		
VERTICAL ALIGNMENT	± 18°		
HORIZONTAL ALIGNMENT	360°		