

ADVANCED PERIMETER SYSTEMS

THE SOLAR POWERED MW-200

Our Microguard MW-200 is a digitally processed microwave beam which can act as an invisible barrier to your property, coupled with solar power it brings an environmentally friendly perimeter barrier.



ENVIROMENTALLY FRIENDLY



INVISIBLE BARRIER

The Microguard™ MW200 is a Microprocessor controlled Digital Microwave Barrier. The system consists of a Transmitter and a Receiver unit. The transmitter generates a microwave beam in the X band creating an invisible but sensitive 3D volumetric protection zone



ALARMS

Alarms can be sent back to local security infrastructure such as an alarm panel. The system will connect into anything which will accept a dry relay contact.



SOLAR POWERED

The system has extremely low power consumption, making it ideal for use with solar power. More cost effective in installation as no mains needed and will help you towards your environmental goals.



AUTOMATIC GAIN CONTROL

The system comes with Automatic Gain Control, which means weather conditions such as fog or rain will not cause false alarms.

WE CARE ABOUT YOUR SECURITY

- Easy Integration - The MW200 can be easily integrated with a third party control panel using a dry contact relay output.
- Digital Signal Processing - All signals are digitally processed which gives maximum detection performance with an extremely low false alarm rate.



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TECHNICAL SPECIFICATIONS

Product Numbers

MW200 Microguard	FS120 DC Power Supply
	MS200 Multisys Alarm Input/Output Unit

MW-200 Microguard™

Product Detail	Microwave frequency	9.5/10.525 GHz
	Modulating frequency	1khz, 1.28khz, 1.325Khz
	Maximum transmission power	35mW (normal operation)
	Maximum length of protection zone	200 Metres
	Power Supply	12 to 25 volts
	Current consumption	95mA, 12vDC (one pair)
	Alarm Relay	NO/NC, 28V DC, maximum 0.1A
	Alarm time	Maximum 3s
	Tamper Switch	NC, 28V D, maximum 0.1A
Environmental	Operating temperature	-40 to +65 C
	IP rating	IP 65
	Dimension	158*138*46 mm
	Weight	2.5Kg
Compliance	CE, ISO9001	

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