

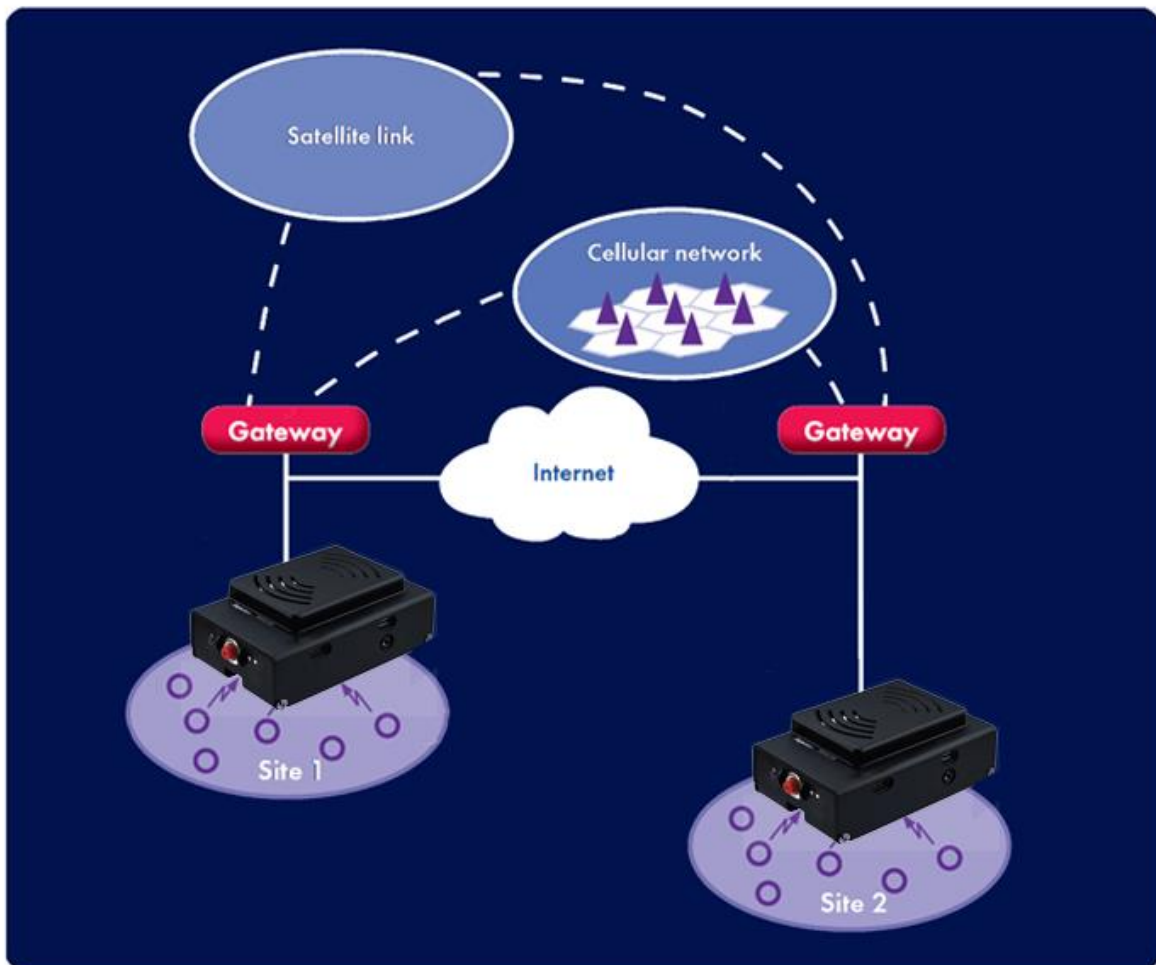
MS-2.0 RoIP Gateway

The RoIP Gateway is designed to connect local networks to global networks.



It carries network traffic over the Internet, cellular, satellite, and other networks, enabling the integration of geographically dispersed radio zones into a single communications system.

- It transmits voice and data in real time and can broadcast the traffic to any number of addresses.
- Can be connected to a power supply and has a built-in battery for up to 24 hours of use on a single charge.
- Enables the creation of mobile ad-hoc networks with any coverage area and the placement of radio control centres anywhere in the world.



Specifications

General	
- Dimensions	9,4 x 6,3 x 3,2 cm (3,8 x 2,5 x 1,3 in.)
- Weight	145g (5,1 oz)
Protocol	
MANET protocol	Proprietary WAVESWAY protocol
Communication	Voice and Data
Number of logical channels on the same frequency	up to 200
Number of simultaneous conversations on the same frequency	up to 4
Number of Subscribers in Network	unlimited
Number of Hops	unlimited
Secure	AES128-bit encryption
Transceiver	
- Frequency Band	862–872 MHz, 902 - 928 MHz
- Output Power	up to 2W (computer programmable)
- Effective Radiated Power (ERP)	25 mW
- Receiver Sensitivity	-105 dBm
- Data rate	100 - 1000 kbps
Environments	
Protection	IP54
Operating Temperature	-40 to 50 C (-40 to 122 F)
Battery	
Battery Capacity	1500 mAh
Nominal voltage	5V
Operating time	up to 12 hrs
Interfaces	
Wi-Fi	802.11 b/g/n
USB 3.0	2
USB 2.0	2
Ethernet	+
Micro HDMI	+

Package:

- MS-2.0
- Network Adapter
- Power Cord
- User's manual

WAVESWAY SP

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