



SITERA^{plus} Gateway

Benefits and Features:

The SITERA^{plus} Gateway allows companies to interconnect PMR, DMR or TETRA radios with fleets whose technologies are not compatible. This allows that in cases of renewal of large fleets it is not necessary to discard old terminals when new technology ones are incorporated, allowing to face renovation in a stepped way.

Flexibility:

The SITERA^{plus} Gateway allows a wide range of possibilities of interconnection modes linking not only PMR, DMR or TETRA 1:1 in a location, but also its possible to interconnect 1:1 in remote locations to a global scale or N:N global or local location interconnection.

- Local location 1:1 example: One PMR VHF network with PMR UHF.
- Remote location 3:3 example: a MOTOTRBO group with a TETRA group and a PMR channel, each one in different cities.

The SITERA^{plus} Gateway supports multiple methods of integrated communication: Ethernet, WIFI, 4G-LTE. This allows communication in different environments and circumstances.

Escalability:

It allows the interconnection of fleets with different locations without the need for radio links and with global coverage. The network can be extended in number according to the needs of the service.

The Gateway is physically presented in a 19" 3U-14HP Rack module. This Allows to reduce the cabinet occupancy when you install numerous channels (6 channels each 3U plus 6 terminals in 6U).

Hardware Especifications:

Connectivity:

- RTL8211F-GG GbE LAN
- M.2-802.11 a/b/g/n/ac Wireless
- BT 5.0 (2T2R)
- TDD-LTE B38/B40/B41
- FDD-LTE B1/B3/B5/B7/B8/B20
- WCDMA/HSDPA/HSPA+ B1/B5/B8
- GSM/GPRS/EDGE 900/1800 MHz

USB:

- 4 x USB 3.2 Gen 1 Type-A

RJ50 Radio Control:

- 1 NPN Input (5V-12V)
- 1 NPN Output (5V TTL or 12V Open collector)
- 4 Outputs (5V TTL) *
- 1 TTL or RS232 serial port*

Power supply module:

- 12V c.c. 1Amax

Dimensions Module:

- 3U 14TE IEC 60 297-3 Module
- Height: 262.05mm Width: 70.8mm
Depth: 171.4mm

Set Dimensions Radio-Power Supply-Battery:

- 19" 3U IEC 60 297-3 Rack box
- Height: 13.48cm Width: 48.4cm Depth: 42.5cm

* If you use a serial port only 2 TTL port will be available