Micro Gateway LoRa™

Data transmission module using LoRa™ technology on private networks

non contractual picture

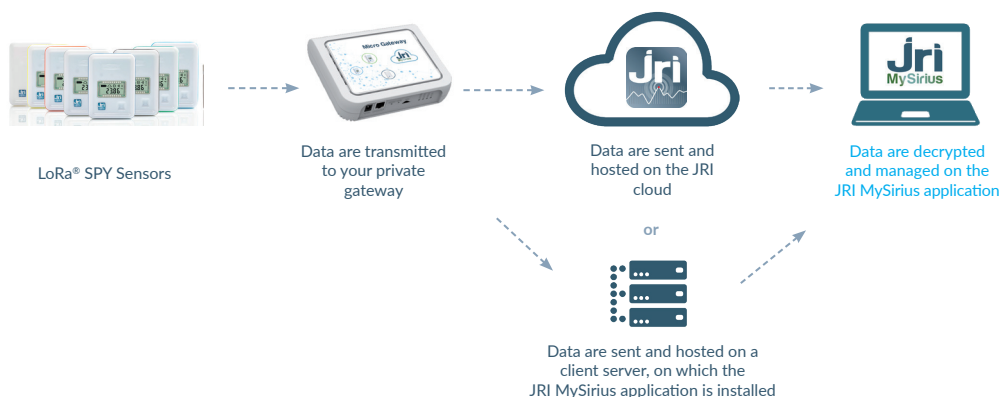**LoRa Alliance Certified™**

Presentation

The Micro Gateway LoRa™ provides a private indoor coverage for the LoRa® SPY sensors.

Installed on a local ETHERNET network, or under 4G coverage area, it sends the measurements to JRI MySirius application.

JRI MySirius application is available on the JRI secured Cloud or a private local server.

LoRa® SPY Sensors

Data are transmitted to your private gateway

Data are sent and hosted on the JRI cloud

Data are decrypted and managed on the JRI MySirius application

or

Data are sent and hosted on a client server, on which the JRI MySirius application is installed

Technical features

Model : MTCAP (4G or ETHERNET)		
Cellular Frequency Band (4G model)	4G / 3G	
LoRa Radio Frequency	902 - 928 MHz	863 - 870 MHz
Packet Data	100 Mbps peak downlink / 50 Mbps peak uplink	
Input Power	100-240 VAC 50/60 Hz 0.4A External adaptor to 5 VDC 2.5A input	
Integral Antenna Systems	Cellular (diversity) and LoRa	
Connectors	Ethernet : RJ-45 Ethernet 10/100 port SIM : 3FF Micro SIM	
Dimensions & weight	165x133x32 mm - 1,36 kg	
Operating conditions	-10° C to +60° C / 20% to 90% RH non-condensing	
Radio Compliance	FCC Part 22,24,27 EN62311, EN301 511, EN301 908-1-2, EN301 908-1-13, EN300-220	
Part nr.	12428 : Ethernet 12427 : 4G	12108 : Ethernet 12110 : 4G

Benefits

- **LoRa™ connectivity within a secure private network**

- **Quick & Easy to deploy**

- **Configurations available : Ethernet and 4G**

JRI, SAS
Logistics Pole / 2 Rue de la Voivre / PA Technoland / BP 21 / 25490 FESCHES LE CHÂTEL / France
SIRET 380 332 858 00030 - Ph. : +33 (0)3 81 30 68 04 / sales@group-mms.com

Head office: 16 Rue Louis Rameau / CS 90050 / 95872 BEZONS Cedex / France / APE 2651B / TVA FR 02 380 332 858

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