

EDGE

Gateway LoRaWAN Outdoor

Discover product in details



Connected

Remote reading and control of LoRaWAN sensors. All information is available in a secure cloud space

Nexelec

LoRaWAN

LTE (3G / 4G)

Ethernet

Wi-Fi



Ready to use

Factory-set gateway parameters for quick and easy start-up. Plug in the gateway, scan the QR code: your LoRaWAN network is ready to go!

Easy to use

Gateway management from NAVIXIS supervision application. Easy and secure, without complex configuration

Multiple network connectivity

LTE (3G / 4G) with SIM card already integrated for multi-operator connectivity in over 150 countries. If no LTE network is available, an Ethernet link can take over

Data backup

Integrated micro SD card. Up to 1 year of data stored in memory. Useful in the event of LTE or Ethernet network outages



Robust design

Reinforced IP67 enclosure perfectly waterproof and dustproof. Specifically designed for outdoor use

Easy to install

Wall or pole mounting with included fixing kit

Optimized LoRaWAN network coverage

A wide choice of high-performance antennas to suit every situation and extend the reach of your LoRaWAN network



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Nexelec

www.nexelec.eu

240 mm

85 mm

240 mm

Net weight: 2 kg



Reference	Connectivity
G520LR	LTE / Ethernet

FUNCTIONS



GPS positioning

The Gateway integrates a GPS geolocation module. Allows the gateway to be located more quickly on a map in the NAVIXIS supervision application



PoE power supply

A single Ethernet cable provides both data and power to the gateway up to 100 meters away. No need to install a power outlet in the immediate vicinity of the Gateway



Designed for stand-alone operation

The Gateway can be operated without a mains supply using a 12V battery or a solar kit incorporating a power consumption monitoring module



Integrated overvoltage protection

Protects the gateway from voltage fluctuations that can damage its components



Design

Sober and elegant for unobtrusive integration of the bridge into any building

FEATURES

Terms of use

Outdoor environment (IP67 protection)
Temperature: -10°C to +55°C
Humidity: 10% RH to 95% RH (non-condensing)

Mounting type

Wall or pole

Connectivity

LoRaWAN
LTE (3G / 4G)
Ethernet
Wi-Fi

Set contents

1 gateway
1 LoRa 3dBi 36cm antenna
1 x 3m Ethernet cable
1 SD memory card
1 multi-operator SIM card
1 wall-mounting plate
1 pole-mounting kit
1 PoE injector

Warranty⁽¹⁾

2 years

Certification



Radio frequency

LoRaWAN EU868

⁽¹⁾Please refer to the information available on the www.support.nexelec.fr website.