

# GATEWAY FOR IOT TRACKERS

## NG1100

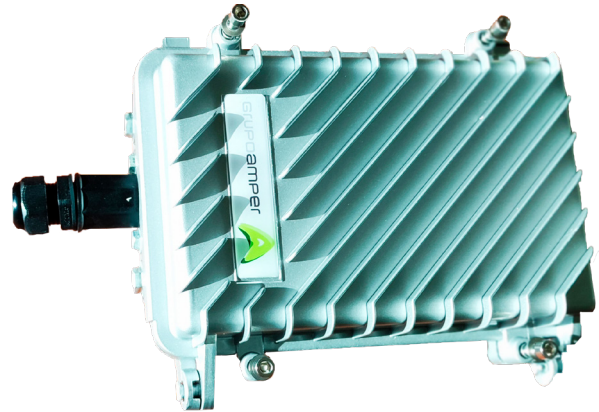


### Product information

NG1100 is a gateway intended to work with devices that use Amper's proprietary protocol, such as the BLN1007-IBW or BNL1007-LR asset tracking sensors.

NG1100 can support thousands of tracking devices. Depending on the type of antenna used, they can cover up to a radius of 10 km, if it is not affected by the orography of the terrain or other urban obstacles.

NG1100 is made visible to all tracking devices, so they can report their position to the server. The application in the cloud is responsible for using this location information.



### Technical specification

Physical	Dimmension	235 x 155x 75 mm
	Weight	1,5 Kg
	Material	Industrial outdoor design. Total protection against the entry of dust or water. NEMA 67
Power	PoE	Power over Ethernet 37V DC
Network	WiFi	802.11 b/g/n
	Ethernet	100Mb IEEE 802.3 PoE
	Narrow Band	868 Mhz / 915 Mhz
Memory	EEPROM	32 KB, 512 KB (opcional)
Condiciones ambientales	Temperature operation	-45 ~ 85° C
	Humidity operation	95% RH

### Features and benefits

- Supports high-efficiency, low-power Amper proprietary protocol.
- Long-range, low-power narrowband communications with 868 or 915 MHz control station.
- Possibility of using different types of antennas.
- Powered through PoE Ethernet port
- Easy installation.

*Amper Sistemas reserves the right to change products or specifications without prior notice.*



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