

SMART ASSET TRACKER

BNL1007-LR



Product information

BLN1007-LR asset tracker is a device intended for tracking assets in warehouse, logistics operations or for outdoor construction activities with cellular coverage.

It is valid for any place even without cellular coverage. It uses LoRa communications protocol.

Device configuration is done from an application on the mobile phone. It is managed through a cloud platform and with the application it can be tracked from any device.



Technical specification

Physical	Dimension	65 x 46 x 17 mm
	Weight	60 gr
	Material	Polycarbonate / ABS with rubber seal IP 65
Battery	Voltage	DC 3,6V (Type ER14250, lithium)
	Standby consume	< 10 µA
Sensor	Accelerometer	3 axes, 12 bits
	Ambient light	(optional)
	Temperature	High accuracy (optional)
Positioning	Outdoor	GPS
Network	BLE	Version: 4.2 Sensitivity: -86 dBm
	LoRa	Frequency: 433/868MHz Output power: up to -14dBm Sensitivity: up to 124 dBm
Memory	EEPROM	32 KB, 512 KB (opcional)
Environmental conditions	Temperature operation	-45 - 85° C
	Humidity operation	95% RH

Features and benefits

- Valid for anywhere, even without mobile coverage.
- Need NG1100 Gateway.
- Energy saving policy. No transmissions occur when the tracker is moved and it is not within range of NG1100 Gateway.
- Motion detection with accelerometer.
- Location with GPS.
- Once used, the device can be disposed of or reused in another asset.
- Battery powered.
- Low consumption and long life.
- Easy installation.

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