

# SMART ASSET TRACKER

## BNL1007nbLC



### Product information

BLN1007nbLC asset tracker is a device intended for tracking assets in warehouse, logistics operations or for outdoor construction activities.

BNL1007nbLC is connected to Amper IoT Platform, through which asset tracking is performed from any device like tablet, smartphone or laptop.

Precise positioning with GPS, information of the NB-IoT cell to which it is connected and the neighboring WiFi SSIDs. The accelerometer allows to detect motion events such as shock and light detection. It can be configured to record events or send alarms.



### Technical specification

Physical	Dimension	105 x 47 x 34 mm
	Weight	100 gr
	Material	Polycarbonate / ABS with rubber seal IP 65 (IP68 and ATEX optional)
Battery	Voltage	DC 3,6V 8500 mA/h
	Standby consume	< 10 µA
Sensor	Accelerometer	3 axes, 12 bits
	Ambient light	(optional)
	Temperature	High accuracy (optional)
Positioning	Outdoor	GPS / WiFi / CellID
Network	BLE	Version: 4.2 Sensitivity: -86 dBm
	Narrow Band NB-IoT	B1, B3, B5, B8, B20, B28
Memory	EEPROM	512 KB
Firmware	Upgradeable	OTA
Environmental conditions	Temperature operation	-45 ~ 85° C
	Humidity operation	95% RH

### Features and benefits

- Valid for any place with NB-IoT coverage.
- Energy saving policy
- Motion detection with accelerometer.
- GPS, WiFi, Cell-ID location.
- Once used, the device can be disposed of or reused in another asset.
- Battery powered, replaceable
- Low consumption and long duration.
- Firmware upgradeable by OTA
- Easy installation.

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



**Amper Sistemas, S.A.**

[www.amper.es](http://www.amper.es)

C/ Virgilio, 2 - Edificio 4  
28223 Pozuelo de Alarcón (Madrid)  
SPAIN