

SMART ASSET TRACKER

BNL1007-IBW



Product information

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

It is valid for any place even without cellular coverage. Uses a proprietary communications protocol, IBW.

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
	IBW	Frequency: 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.
- Require 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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