

EG-IOT LTE-M/NB-IOT WITH 2G FALL-BACK

WORLDWIDE GEOLOCATION

Industrial product designed for global geolocation applications



Low consumption
Up to 5 years autonomy
Replaceable battery



Compact
90 x 65 x 35 mm



Robust
IK09



Embedded application
Ease EG-IoT or specific



Waterproof
IP67 et IP69K



Accuracy
From 10m to 2,50m

Réf.: EG-IoT 1A81

2 years warranty

CE RoHS 

FUNCTIONALITIES

- Enable (sniffing BLE tags)
- OUTDOOR (GNSS) and INDOOR geolocation
- Motion detection (start & stop)
- Zone entry/exit (geofencing)
- Temperature monitoring via ENABLE
- Shock detection
- Remote parameter setting

Available options:

- Clip fixation K013
- Bride fixation K015
- Aimant K031

enable

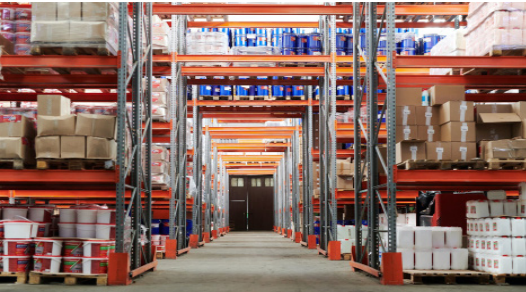
ENABLE OFFER

- An EG-IOT can collect up to 50 surrounding tags
- BLE tag with identifier
- BLE tag for temperature measurement :
 - Range: -40 to +85°C
 - Resolution: 0.0625°C
 - Accuracy: ±0.5°C maximum (0°C to 65°C) ±1°C maximum (-40°C to 0°C & 65°C to 85°C)
- BLE tag for temperature and humidity measurement



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USE CASE EXAMPLES



Global supply chain



Container tracking



Cold chain monitoring

EG IoT 1A81 is an autonomous tracker specifically designed to solve global geolocation issues and to track merchandise all around the world in order to optimize assets and ensure a better efficiency in delivery.

TECHNICAL SPECIFICATIONS

Internal functionalities

GNSS	GPS, Glonass, Galileo
Magnetometer	3 axes
Accelerometer	3 axes
Temperature indication	Internal to the device Range [-30°C < T° < 75°C]
GNSS accuracy	From 10m to 2,50m

Connectivity

Bluetooth Low Energy	BlueTooth Low Energy V5.0
LTE-M	Bands 3,8,20
NB-IoT	Bands 3,8,20
2G	850 / 900 / 1800 / 1900Mhz
Zone	Worldwide
Enable	Sniffing BLE tags

Technical specifications

Dimensions	90 x 65 x 35 mm
Net weight	160 g
Waterproof	IP 67 et IP69K
Impact resistance	IK09
Materials	ABS / PC UL94 V0
Fixing	Brackets, plate, clamps, clip, rail DIN
T° of use	-30°C < T° < 75°C
Energy	Battery 6 A.h 3.7Vdc
Autonomy	Up to 5 years depending on use case
Refill	Replaceable battery

Certifications

Reach, RoHS	
CE	

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