


# EG-IOT LORA GEOLOCATION

Product adapted for logistic follow-up or detection of accidents with transmission on the LoRa network




 **Low consumption**  
Up to 5 years of autonomy  
Replaceable battery

 **Compact**  
90 x 65 x 35 mm

 **Robust**  
IK09

 **Embedded application**  
Ease EG-IoT or specific

 **Waterproof**  
IP67 and IP69K

 **Accuracy**  
From 10m to 2,50m

Réf. : EG-IoT 4281

2 years warranty

CE RoHS 

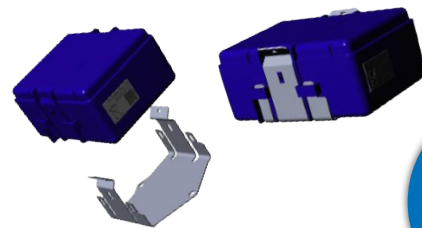
## FUNCTIONALITY

- Regular transmission of positions
- Motion detection (start & stop)
- Zone entry/exit (geofencing)
- Temperature monitoring
- Shock detection
- Remote parameter setting

*Options disponibles :*

- Clip fixation K013
- Bride fixation K015
- Aimant K031

## SECURITY FOCUS (OPTION)



Patented anti-theft clip (not-included)

- Zone entry / exit detection

Rev. 004-10/2023

## » EXAMPLES OF USE CASE



Pole fall



Intrusion detection



Logistics monitoring

EG-LoT 4281 is particularly useful for the detection of theft or unauthorized use of an equipment, enabled by its integrated accelerometer and magnetometer.

It is also dedicated to large logistic processes to know at every given moment where your supplies or equipments are. For instance, it can be used for assets inventory, stock and cycle optimization.

## » 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

LoRa	868 MHz / Class A, 14 dBm
Area	Europe (Countries covered by a LORAWAN network) or on a private network
Bluetooth Low Energy	BlueTooth Low Energy V5.0

### 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
Fixings	Brackets, plate,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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