ercogener
COLLABORATIVE THINGS

EG-IOT Sigfox
GEOLOCATION

Industrial product designed for geolocation applications

GPS

sigfox ready

BLE 5.0

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 and IP69K

Accuracy
From 10m to 2,50m

Réf. : EG-IoT 8281/8201
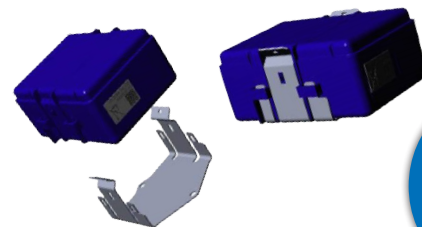*Bluetooth not included for ref.8201*

2 years warranty

CE RoHS REACH

FUNCTIONALITY

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

Options available:

- Fixing clip K013
- Fixing bracket K015
- Magnet K031

SECURITY FOCUS (OPTION)

Patented anti-theft clip
(not included)

- Entry/exit zone detection

Rev. 002-11/2023

Corepile

ecosystem
recycler c'est protéger

⟫ USE CASE EXAMPLES

Assets tracking

Trailer tracking

Machine geolocation

EG-IoT 8201 or 8281 are autonomous trackers designed to respond to geolocation problems of all kinds thanks to their high localization accuracy and their associated sensors.
With great autonomy thanks to their very low consumption connectivity (Sigfox), you can use the product for several years without having to change the battery. Suitable for harsh outdoor environments, it is waterproof and resistant to mechanical shock.

⟫ 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
Sigfox	868 MHz, 14 dBm

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, 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 usecase
Refill	Replaceable battery

Certifications

Reach, RoHS
CE