TRK-TRACER-GPS®

AUTONOMOUS LOCATION AND GPS(GNSS)

ineo·sense
BRINGING SENSE TO WIRELESS

GPS
GNSS

Clover-Net

LoRaWAN

USE CASES

MANAGING, LOCATING AND SECURING YOUR EQUIPMENT FLEETS

TRK-Tracer-GPS allows you, in real time, to know the location of all your equipment (work engine, welding station, dumpster, compressor...); in addition, its motion sensor will allow you to know its usage rates.

Thanks to this remote management, you are able to make resource allocation in line with your needs, apply a billing to use and optimize your maintenance rounds for the dispatching of your equipment.

TRACKING OF ASSETS, CONTAINERS AND SENSITIVE PARCELS

Geolocates of your assets and controls storage temperature with an integrated temperature sensor. Records all events during the journey. Reduces risk of theft.

PRODUCT HIGHLIGHTS

CONFIGURABLE AND DYNAMICS GPS

- Motion start or motion stop,
- Temperature threshold.

TILT, SHOCK, ANTI TEARING

LOCATION INDOOR IN ADDITION TO OUTDOOR WITH THE TRK-ZON, OUR LoRa BEACONS

3D MOTION SENSOR

HIGH BRILLIANCE BICOLOR LED:

- Activity and events alert,
- Pick-to-light identification.

TIME-STAMPING AND DATALOGGING OF EVENTS (+3000)

USAGE RATE MONITORING

OPTIMIZATION OF BATTERY LIFE > 5 YEARS

GNSS ANTENNA : GPS, GALILEO, GLONASS, QZSS

REPLACEABLE BATTERY

AVAILABLE OPTIONS :

Customization on request:

- Case color and labelling,
- Specific business features.
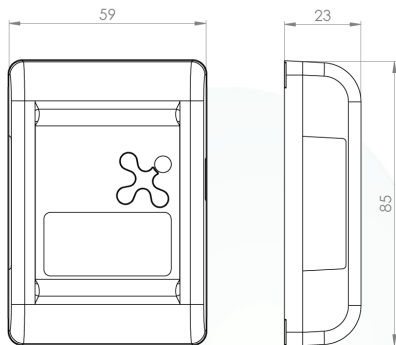
CLOVER-NET TECHNOLOGY

Clover-Net

Real-time two-way communication protocol to facilitate the installation and setting of sensors, collection of time-stamped data, automatic inventories, OTA updates...
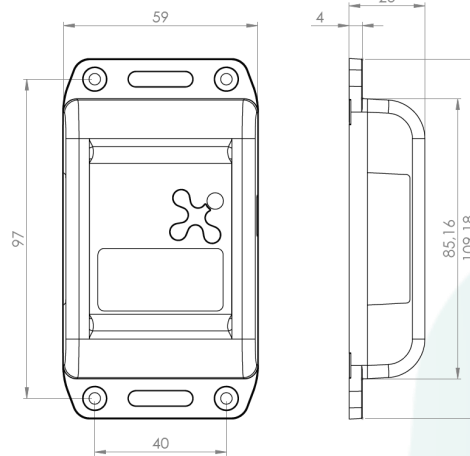
SPECIFICATIONS

ineo·sense
BRINGING SENSE TO WIRELESS

Mechanical specificities

Without flange

59
23
85

With flanges

59
23
4
97
85,16
109,18
40

Fastening system

Screw	
Magnet (optional)	
Glue	

Certifications

CE, EN 300-220

Physical Characteristics

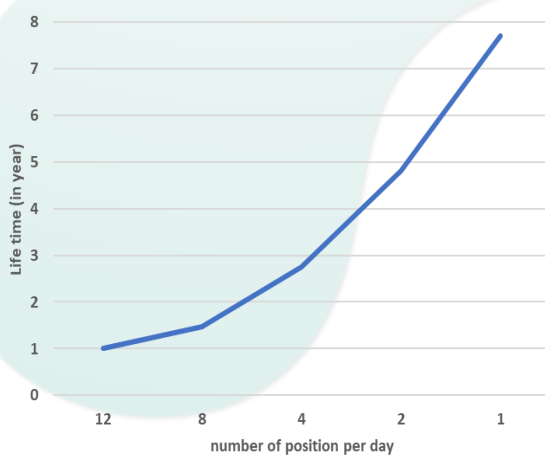|	
Battery	Lithium 3.6Ah replaceable
Material	ABS PC V0 UL94
Weight	107g
IP index	IP54 or IP66
IK index	IK08 as an option
Operating temperature	-20°C to 70°C
Storage temperature	-40°C to 80°C
Humidity	< 95% without condensation

⚠️ **CAUTION: THIS PRODUCT USES LITHIUM BATTERY.**
FOR YOUR SAFETY, PLEASE CHECK OUR WEBSITE.

Communication

LoRaWAN	Classe A
	EU868, 915US, AU915, AS923
	Private and Public networks
	OTAA and ABP
	Power transmission : 14dBm (EU) 20dBm max
	Operator compatible : Objenious, Orange... Core network providers : Actility, Orbiwise, TTN, Loriot ...
SigFox (option)	RC1, RC2, RC4
CloverNet	Broadcast, multicast, point-to-point

Battery life

Life time (in year)

8
7
6
5
4
3
2
1
0

12   8   4   2   1

number of position per day

Use case

Acquisition time : 60 s	
SF12 communication	

Data transmitted

GPS/GNSS coordinates

Recording geolocation

Motion sensor status

Events on shock/tilt/temperature

Usage rate monitoring

Zone detection

Change of zone events

Track record of zone crossing

Battery and temperature level

Product configuration by downlink