

GemOne®

Battery Powered Tracker

Technical specifications



Track non-powered assets

Know the location of your trailers, containers, bins, and other non-powered equipment.



Protect against theft

Remotely increase the location update frequency in case of suspected theft or add as a back-up tracker for your most valuable assets.



Cost effective tracking

Enjoy up to 10 years battery life on each battery powered tracker.

Place and trace

BPT

Power

Battery: standard 3 cell

Up to 10 years battery life

(when configured to one location update per day)

Battery pack (Li-SoCl₂) 10500 mAh

Physical specifications

Dimensions: 130 × 72 × 36 mm

Weight: 200g

Ingress protection: IP69K

Operating temp.: -20 to 60°C

Sensing

Internal

Virtual tamper detection

Connectivity

NB-IoT

Energy efficient transceiver

Internal omnidirectional antenna

Bi-directional communication

NB-IoT bands: Europe and North America

Data recovery

OTA firmware upgrade (NB-IoT)

Bluetooth Low Energy (BLE)

BLE 2.4 GHz

Bluetooth Low Energy 5.0

Geolocation

GNSS

Multi GNSS constellation chipset (GPS+GALILEO)

Patch antenna for optimum performance

Wi-Fi scanning

Wi-Fi based geolocation



Infrastructure free:

No wiring or complicated installations.



Cost effective:

Battery life of up to 10 years.



Durable:

A rugged tracker built for industrial use and harsh conditions.



Seamless remote configuration:

Change location update rate and trigger events.



Place and track:

Bolt, strap, or magnetically attach it onto your assets in a matter of minutes.

Contact us on info@gemone.com for more information or a demonstration of the Battery Powered Tracker.

