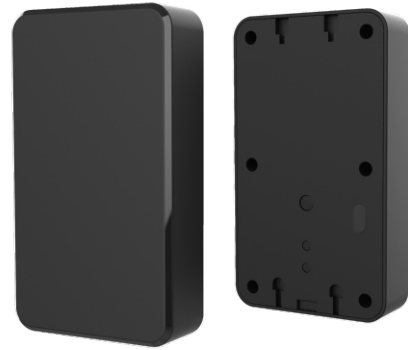


T101 Asset Tracker

A durable asset tracker with ultra-low power consumption and an ultra-long-life battery



T101 is an all-in-one rugged tracking device, equipped with an independent long-life battery. With GPS+AGPS+LBS for position fix and GSM/GPRS/CatNB1/CatNB2/CatM1 for data communication, T101 supports fast and accurate real-time tracking. 3-5 years battery life makes it an ideal self-contained hardware solution for long term deployments. The IP65 enclosure provides protection from water intrusion.



GSM/GPRS/CatNB1/ CatNB2/CatM1

GSM/GPRS/CatNB1/CatNB2/
CatM1 network optional by changing
the communication module



Standby more than 3-5 years (one report per day in open sky)

2G: more than 3 years
NB: more than 5 years
CatM1: more than 4 years



Bluetooth

Support BLE4.2(optional)



GPS+AGPS+LBS positioning

Periodical position fix



Intelligent power management

Reduces inefficient power consumption
when the device stays idle

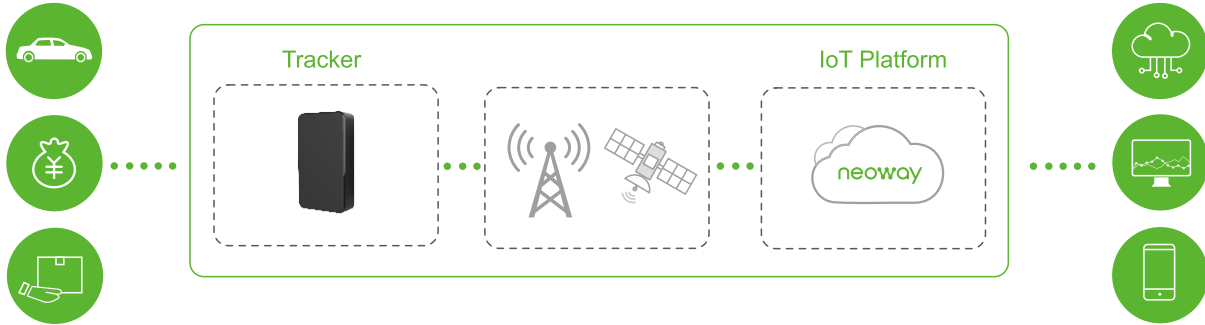


IP65 waterproof

Water-resistant case to ensure stable
operation in tough environment



Application Scenarios



Product Features

- Communication module: N11(GSM/GPRS), compatible with N21(CatNB1), compatible with N27 (GPRS/CatNB1/CatNB2/CatM1)
- GSM/GPRS Band: B2/B3/B5/B8
- CatNB1/NB2 Band: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B28/B66/B71/B85
- CatM1 Band: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B27/B28/B66/B85
- SIM Card: Micro SIM / eSIM
- Antenna: Built-in
- Bluetooth: BLE4.2(optional)
- G-sensor: 3 axis (optional)
- Light sensor
- Temperature sensor(optional)

Electrical Features

- Battery: 4200mAh 3V Li-MnO2 internal battery
- Power consumption: <12uA@3V(deep sleep) <80mAh@3V(average operating current)

GPS Position Fix Features

- GPS positioning characteristics
- Tracking sensitivity: -162dBm
- Acquisition sensitivity: -148dBm(cold start)
- Cold start time: 32s
- Positioning accuracy: 2.5m CEP50(open sky)

Environmental Features

- Operating (with battery): -20°C ~ 70°C
- Storage (without battery): -40°C~85°C
- Humidity: 95%RH @55°C non-condensation

Physical Features

- Dimensions: 108.5*63*23mm 108.5*63*27mm (magnetic case mounting version)
- Shell material: PC+ABS
- Ingress protection rating: IP65

Neoway Technology Co., Ltd.

Product enquiry: enquiry3@neoway.com

Technical support: support@neoway.com

For more information, please visit www.neoway.com

