



# 5G Tracker



## Track Smarter, Stay Connected – Anytime, Anywhere.

### KEY FEATURES

#### Network Connectivity

- LTE CAT-M/NB-IoT modem
- GNSS (GPS, GLONASS, Galileo)
- E-SIM with automated network switching
- Dedicated Bluetooth 5.x chipset

#### Sensors Array

- Temperature:  $\pm 2.0^{\circ}\text{C}$  ( $\pm 3.6^{\circ}\text{F}$ )
- Accelerometer:  $\pm 16\text{ g}$

#### Feature & Benefits

- Peel-n-Stick, Zip Tie, or screw mountable
- Industrial device – IP68/69
- Up to 24V DC charging
- 4000mAh lithium battery
- Configurable device profile
- Remote firmware upgrade

- ✓ **Reliable Connectivity:** Equipped with LTE CAT-M/NB-IoT, GPS, GLONASS, Galileo, and Bluetooth 5.x for seamless tracking and communication.
- ✓ **Long Battery Life:** Powered by a 4000mAh lithium battery, providing up to 12+ months of use in summer, and 3-6 months in winter. Quick charging in 6-8 hours.
- ✓ **Flexible Mounting Options:** Easy to install with peel-n-stick, zip tie, or screw mount methods.
- ✓ **Rugged & Durable:** Industrial-grade IP68/69 rating ensures protection against dust, water (submersible up to 1.5m), and pressure washing.
- ✓ **Smart Sensors:** Includes temperature and accelerometer sensors for precise monitoring.
- ✓ **Remote Management:** Configurable device profiles and remote firmware upgrades.
- ✓ **Wide Temperature Range:** Operates from  $-15^{\circ}\text{C}$  to  $60^{\circ}\text{C}$  ( $14^{\circ}\text{F}$  to  $140^{\circ}\text{F}$ ), perfect for harsh environments.

**Perfect for tracking trailers and assets with reliable performance and minimal maintenance.**

# Detailed Specification



## Network Connectivity

SIM	Global eSIM MFF2
SIM Type	Non-user replaceable
Network Support	LTE-M/NB-IoT, SMS
LTE Bands	2, 4, 5, 12, 17, 25
Bluetooth Low Energy	4.1/5.0, Advertising, Scanning

## Power and Battery

Line Power	Up to 24V
Battery Voltage	3.7V
Battery Capacity	4000 mAh
Battery Charge Time	6-8 hours
Battery Charging Cycles	500-1000
Battery Charging Temperature	-5 to 45°C (23 to 113°F)
Usage Duration on Battery	Summer: 12+ months, Winter: 3-6 months, depends to temperature
Power Cable	26AWG, Red-Power, Black -GND, length based on customer requirements

## User Interface

Leds	Red – On when Tethered, Green – LTE Activity, Blue – BLE Activity
Button	Reset / Reboot

## User Configuration

Idle Frequency Range	Range: 1 ping an hour to 1 ping a day
Motion Frequency	Range: 2 min to 30 min
BLE Advertisement	On/Off
BLE Scanning (Tool and Asset tracking)	On/Off
LTE LED	On/Off

## Mechanical Specifications

Dimension	85 x 67 x 29 mm
Environmental Protection	IP68/69
Storage Temperature	-10 to 45°C (14 to 113°F)
Operating Temperature	-15 to 60°C (14 to 140°F)
Cable pull force	5 kg (50N)
Vibration Rating	+20 g (Tested for 2 hours continuous)
Mounting Options	Double Sided Tape, Zip Tie, Screws (6-32 x 10mm) x 2