

The **ST4940** vehicle tracker supports 4G LTE Cat-M1/NB-IoT. The ST4940 (with its holder) is a water resistant (IP66 compliant) rugged, hard-cased multi-purpose mini tracking device for a variety of uses such as asset tracking, vehicle/motorcycle tracking and personal tracking. The ST4940 is designed to minimize the power consumption efficiently.



- Network: LTE Cat M1/NB-IoT
- Extremely low power consumption
- Low battery alert
- Built-in 3-axis accelerometer and motion detector
- Maintenance Server Supported (optional)
- Waterproof Compliant: IP66 (with holder), IP65 (without holder)

## Accessories:

Magnetic Cradle  
(STASMC or  
STMC)



Small USB  
charging  
cable



Wall  
Charger to  
USB cable



1-3 Months



# IoT Series

## Portable & Dedicated Hardware

# ST4940

Shown as optional  
3,000 mAH version



Shown with optional  
magnetic cradle



Frequency	LTE module for global use; Cat M1, Cat NB1 deployed bands: LTE FDD: B1, B2, B3, B4, B12/B13, B28, LTE TDD: B39 (for Cat. M1 only) EGPRS: 850/900/1800/1900MHz
Command / Report sent via SMS	MT/MO PDU / Text mode, SMS over SG/NAS
Back-up Server	Supported (via dual IP)
GPS/Glonass Receiver	GPS & Glonass GPS L1 band(1575.42MHz), Glonass L1 band (1601.71MHz) SBAS : WAAS, EGNOS, MASA, GAGAN
GPS/Glonass Sensitivity	Tracking -167 dBm Reacquisition -161 dBm Cold start -149 dBm
Housing Dimension	50.5(W) × 75(L) × 22.5(T) mm 88.3(W) × 55.9(L) × 35.6(T) mm (with holder)
Weight	83g (without holder), 198g(with holder)
Dust and Water Resistant	IP65 (without holder), IP66 (with holder)
Power Supply	With Li-ion rechargeable battery
User Interface	Power button, Panic button Charger adaptor, Charger cable
LED Status Indicator	GPS signal, 4G signal, Battery Charging status
Power Consumption	Active mode : 40~60mA Sleep mode : Approx. 3.5mA Deep Sleep mode : Approx. 15uA
Motion Detection	Built-in 3-axis accelerometer
Battery	Rechargeable 3.7V, 1500mAh Li-ion Battery
Electric Protection	Protection against ESD and overvoltage
Operational Temperature Range	-20°C ~ +60°C
Certificates	CE, FCC, PTCRB, RoHS (TBD)

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