

# MotoTrack GPS Tracker

Hardwired Protection for Motorcycles, ATVs & Powersports Vehicles

Weather-Proof

5-Wire

Digital Input/Output

MotoTrack is a compact, waterproof, hardwired GPS tracker built for motorcycles, powersports, light vehicles, and industrial assets that require low-maintenance, reliable power source, and real-time location tracking. With ultra-low power draw and digital I/Os for ignition detection and (with optional relay) remote starter disable, MotoTrack is ideal for motorcycle rentals, delivery services, utility fleets, and trailer-based operations. The device operates on LTE Cat-M1 with 2G fallback (where supported), and supports geofencing, tamper alerts, route history, and movement-based reporting. Its IP67-rated housing ensures long-term durability in harsh environments including construction, coastal, and seasonal deployments.

MotoTrack pairs seamlessly with BrickHouse GPS software—giving your business live GPS tracking, custom alerts, and automated reporting across any fleet size. Whether you're managing deliveries, securing seasonal vehicles, or reducing theft risk in rental operations, our cloud-based platform gives you real-time control from desktop or mobile. We offer hardware subsidies, bulk pricing, and contract-based options, backed by industry-leading support and lifetime warranty.



## Key Features

- ▶ Vehicle battery monitoring
- ▶ Towing monitoring
- ▶ Up to 200-day off-season reporting @ 1-report per day (varies based on usage)
- ▶ Up to 5s reporting interval (with ignition on and Premium tier plan)
- ▶ Weatherproof IP-67 compliant
- ▶ Externally mountable (with mounting bracket accessory)
- ▶ Wired ignition detection
- ▶ Stores up to 10,000 messages
- ▶ Wired general purpose digital input and output: 2 digital inputs (positive/negative trigger), 1 digital output (starter disable)
- ▶ Driving Behavior Monitoring (harsh braking, acceleration, idling)
- ▶ Hardware health monitored over-the-air by BHS team
- ▶ Compatible with Ignition Cutoff feature (with relay and installation)

## Appearance



## Specifications

Dimensions	84 × 50 × 26.6mm 3.31"(L) x 1.97"(W) x 1.05"(H)
Weight	137g / 4.83oz
Internal Battery	Li-Polymer, 1400 mAh Rechargeable
Cellular	<p><b>LTE Cat M1/NB2</b> Cat M1: B1/B2/B3/B4/B5/B8/B12/ B13/B18/B19/B20/B25/ B27/B28/ B66/B85</p> <p>Cat NB2: B1/B2/B3/B4/B5/B8/B12/ B13/B18/B19/B20/B25/ B28/B66/ B71/B85</p> <p><b>GSM/GPRS:</b> 850/900/1800/1900 MHz</p>
Cellular Data Transmission	<p>eMTC (DL) 348 Kbps eMTC (UL) 1.08 Mbps NB2 (DL) 121 Kbps NB2 (UL) 150 Kbps NB1 (DL) 74.1 Kbps NB1 (UL) 101 Kbps EDGE 296 Kbps (DL) / 236.8 Kbps (UL) GPRS 107 Kbps (DL) / 85.6 Kbps (UL)</p>

GNSS Sensitivity	Autonomous: -148 dBm Hot start: -163 dBm Tracking: -165 dBm
Accuracy (CEP)	Autonomous: < 2m
TTFF (Average)	Cold Start: 24s Hot start: 1s
Standby Time	<p><b>Continuous Mode</b> Without reporting: 325 hours (&gt;13 days) 5 minutes' reporting: 220 hours (&gt;9 days) 10 minutes' reporting: 255 hour (&gt;10 days)</p> <p><b>Power Saving Mode</b> 2 Reports/Day: 170 days 1 Report/Day: 200 days</p>
Operating Voltage	8V to 32V DC
Operating Temperature	-30°C ~ +80°C -40°C ~ +80°C for storage
Waterproof	IP-67 compliant
Bluetooth	Support BLE 5.1 protocol
Stored Messages	Up to 10,000 stored messages
Stored Messages	Vehicle battery drain prevention when ignition is off  Typical<0.25mA@12V
Interfaces	<p><b>Digital Input</b> 1x Ignition Detection (positive trigger input) 1x Negative trigger input</p> <p><b>Digital Output</b> 1x digital output, open drain, 150 mA max drive current 1x Power (8V - 32VDC) 1x Ground</p>
LED Indicators	2 LEDs (GNSS, Cell)