



The BHP1 is an affordable 4G LTE tracking device designed for simple track and trace and essential I/O needs. It is suitable for vehicle fleets, Buy Here-Pay Here (BHPH), finance companies, and franchise & independent dealers.

- 4G LTE Connectivity
- Internal GSM and GPS Antenna
- Ultra-low Power Consumption
- General Purpose Inputs and Outputs
- Built-in 250mAh Back-up Battery
- Starter Disable
- Tamper Detection
- Power Low Alert
- Firmware update OTA capability
- ADM (ATrack Device Manager) Support

BHP1

Cost Efficient, Compact Hardwired GPS Tracker

CELLULAR

BHP1-MX	LTE FDD Cat.M1 B2 (1900), B4 (AWS1700), B12 (700)
Data Support	UDP / IP, TCP / IP, SMS
Antenna	On-Board PCB cellular antenna

GPS

Location Technology	GPS & GLONASS
Antenna	Internal
Tracking Sensitivity	-157dBm
Acquisition Sensitivity	-146dBm
Location Accuracy	3m CEP 50%

INPUTS/OUTPUTS

Digital Ignition Input	1 Positive Input
Digital Inputs	2 (Configurable)
Digital Outputs	1 (Max. sink current 300mA)
LED Indicators	3 LEDs (Power, GPS, Cellular)

SENSORS

Accelerometer	3-axis ±16g
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ELECTRICAL

Operating Voltage	Vehicle 12V / 24V system
Current Consumption	Operating: 44mA @ 12V Deep Sleep: 1.1mA @ 12V
Backup Battery (Optional)	3.7V 250mAh

MEMORY

Internal Flash Memory	16 Megabit
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ENVIRONMENTAL

Operating Temperature	-40 to +85 °C (without battery) -20 to +60 °C (with battery)
Vibration/Shock	MIL-STD-810G/SAE J1455

PHYSICAL

Dimension	70 mm x 75 mm x 21.5 mm (2.76" x 2.95" x 0.85")
Weight	69g
Enclosure	Flame Retardant ABS+PC
Mounting Method	Adhesive

CONNECTORS

I/O Connection	Micro-Fit 3.0 6-Pin Connector
SIM Card Socket	NanoSIM (4FF) Optional, eSIM(MFF2)

CONFIGURATION

Device Maintenance	Firmware and configuration Update via ADM
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CERTIFICATIONS

Standards	FCC, IC, PTCRB, RoHS
Carriers	AT&T

About ATrack

ATrack Technology Inc. specializes in GPS telematics hardware designing and manufacturing, and has a product portfolio including solutions for cars, trucks, containers & non-powered assets, trailers, and motorcycles. In addition to a line of stable and robust hardware, we are also experienced in firmware and hardware modifications, and customized product developments. ATrack always strives to provide the most reliable hardware and excellent service for our customers and has obtained ISO 9001 Quality Management Systems to enhance product quality and ultimately improve levels of customer satisfaction. For System Integrators & Telematics Service Providers who value vendor responsiveness and flexibility, and are looking for a hardware partner who does not have a competing business model, ATrack is globally proven to be the best choice.

ATrack Technology Inc.

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