



Features

- Compact design
- Simple user interface
- Pin-point accurate cell locations & AGPS
- Request current location by making a phone call
- Tracking once an hour under timer activation mode, operation time up to 15 days
- Optional external large battery

Specifications

Mechanical and Environmental		
Dimension (L x W x H)	65.5 x 42.3 x 18.2 mm (±1 mm)	
Weight	52 g (±2 g)	
Material	ABS	
Color	Black	
Operation Temperature	-20°C ~ +60°C	
Storage Temperature	-40°C ~ +85°C	
Electrical		
Battery	Battery Cell	1000 mAh prismatic Li-Ion
	Operation Temperature	-20°C ~ +60°C
	Storage Condition	-20°C ~ +35°C, low humidity and no corrosive gas
	Capacity	1,000 mAh
	Charging*	EU/UK/US travel adaptor
Power Consumption	Transmit	200 mA
	Stand-by	70 ~ 90 mA
	Dormant	2 ~ 4 mA
	Sleep	0.1 ~ 0.4 mA



AT-04 Portable Tracker

IO Interface and Other		
LED	Blue	GSM
	Red	Low battery / charging
	Amber	GPS
	Green	Fully charged
SIM Slot	Full size SIM	
USB	Prolific USB-to-Serial Comm Port	
3-Axes Accelerometer	±16G (default)	
Memory Backup	8 MB flash memory	
Antenna	Built-in GPS and GSM antennas	
GPS		
Receiver Type	56-channel, GPS L1 C/A, SBAS: WAAS, EGNOS, MSAS	
Acquisition	Cold starts 29 secs, aided starts 5 secs, reacquisition 1 sec	
Sensitivity	Tracking & Nav. -162 dBm, cold starts -148 dBm, warm starts -148 dBm	
Accuracy	Autonomous 2.5 m, SBAS 2.0 m	
Operation Limits	Altitude 50,000 m, velocity 500 m/s, dynamics ≤ 4 g	
Cellular Communication		
Mobile Station Class	Class B	
GSM / GPRS Bands	GSM 850 MHz, E-GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz	
Packet Switched Data Rate	GPRS multi-slot class 10, coding scheme CS1 – CS4, up to 85.6 kb/s DL, up to 42.8 kb/s UL	
Key Features	Embedded TCP/IP, UDP/IP, HTTP/FTP protocols	
	Network jamming Detection	
	CellLocate & hybrid positioning	

Accessories

Standard
1 A USB AC power adapter*
USB charging cable*
USB car charger
Pull sticker for SIM card
Optional
External 11,500 mAh battery**
1.8 A AC power adapter ** (for external 11,500 mAh battery)
USB to serial cable (for configuration use)

* Please use the factory power adapter. Do NOT connect to a desktop or laptop computer for charging!

** In order to connect to 11,500 mAh battery, AT-04's internal 1000 mAh is removed. 11,500 mAh battery must be charged with factory power adapter.

NOT E:

1. Datasheets are updated as needed and as such, specifications are subject to change without notice.
2. All specifications are measured at an ambient temperature of 25°C, humidity<75%, and nominal input voltage.