

E-Track EPSILON

Track anything, anywhere...



The handheld EPSILON is a **robust, waterproof tracking and messaging device**. Designed for use in the most extreme conditions, it offers reliability, worldwide coverage and ease of use.



Features

- Send & receive predefined and free text messages
- Automatic & manual transmission of GPS position
- 3 power options for maximum flexibility
- HELP button for automatic distress signal
- Manually & remotely programmable (tracking, alarms, polling...)
- "Quasi" real-time transmission of positions & messages
- Alarm & alert notifications via CARTOWEB®, SMS and email
- Visual & audio alerts
- "Man down" and movement activation of tracking or alarms.

The EPSILON provides a wealth of options for the tracking & security of personnel, geofencing, two-way messaging, way points and "man-down" and compass functionality. Using the Iridium network, the EPSILON provides fully global coverage.

Benefits

- Power options : 3 x AA batteries (standard / Lithium ion), or 7-55 VDC
- Waterproof (IP 67) & ergonomic casing - designed for use with gloves
- Large TFT screen with virtual keyboard & navigational keys
- Increased personal security, automatic alarms for shock, movement, vibration and geofencing
- Simple way-point creation and management
- Simple management and use of contacts list
- Programmable short cut key
- Memory for 900 messages
- Can be used with optional external Iridium antenna



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Technical Specifications

Environmental	
Operating Temperature Range	-40° +85° C
Storage Temperature Range	-40° +85° C
Maximum 'Transmission'	1.8 A
Frequency	
1616 MHz - 1625.5 MHz	
Mechanical	
Robust Casing	IP 67
Dimensions (Including Antenna)	190x57x31 mm
Weight	350 g
Single Interface I/O & Charger	USB
Memory	
Recording Capacity (Including Speed, Altitude & Various States)	139 810 positions
Recording Rate (Adjustable)	From 1s to 24h
Contacts	20
POI	10
Geofencing Areas	50
Messages	Store 10 predefined messages • Inbox (20) • Outbox (20)

Modem	
IRIDIUM 9602	
Performance GPS	
Sensitivity	
Cold Start	-148 dBm
Tracking	-165 dBm
Position Accuracy	1.8 m
Time To First Fix	
Cold Start	<35s
Hot Start	1s
Power	
Internal	3 AA Lithium Batteries or NiMH / NiCd rechargeable batteries
Software	
Supplied with programming tools (remote & local) and USB programming cable	
Optimized for Cartoweb management software, widely compatible	

