

## SpectraTrak

### GPS Tracking Unit

#### Description

The **SpectraTrak** is a fully certified quad-band integrated platform that provides GSM/GPRS functionality for covert mobile tracking applications. Its integrated GPS/A-GPS capabilities include tracking up to 14 satellites and location reporting through SMS and GPRS.

The **SpectraTrak** can be tracked via a secure website accessed by computer, PDA or cell phone. SpectraTrak features the most secure website tracking site in the industry. Certified secure by McAfee (HackerSafe) and SSL Certification, tracking information is protected by encryption, software, and multiple firewalls.

Our easy-to-use "dashboard" controls allow you to adjust and control your tracking information: set tracking parameters, track in real-time, set up to eight independent Geo-Fences simultaneously, enable "breadcrumb" tracking, and adjust variables for local or long distance travel. Departments with multiple units can switch from unit to unit, controlling tracking information for each one.

An integrated motion sensor activates the tracker when movement is detected and lets it sleep when it is not in use, extending battery life. Field-testing has proven the tracking unit's battery life will last greater than 4 weeks with continuous use.

**SpectraTrak** features high performance internal GPS and cellular antennas, a small (5 3/4" x 3 3/4" x 2") water-resistant housing, and a powerful magnet base that allows the unit to be quickly deployed without any tools.

**SpectraTrak's** reporting utility allow you to adjust your reports with more than ten functions, extrapolating information and tailoring reports to include all necessary information. Tracking information can be archived daily and reviewed and printed at anytime. Reports can be saved in either Excel or XML formats.



#### Features

##### Perma Crumbs

Every tracking point is uniquely numbered and archived making it accessible for future verification.

##### No Dongle necessary

Dongles limit the user to tracking via a particular computer, and don't work with PDA's or cell phones.

##### Pattern Identification

Using the enhanced tracking reports, identify tracking patterns and frequently visited locations with visual markers and connected routes.

##### Secure Website

SpectraTrak features the most secure website in the industry, utilizing encryption and firewalls.

**SpectraTrak's** site is tested and certified daily by McAfee (HackerSafe).

##### Enhanced Tracking Reports

Refine reports using familiar drop-down menus to select data such as: date ranges, times of day, and reverse address geocoding



***The Spectratrak features a combination of cutting-edge hardware technology and seamless software integration not found in other GPS tracking systems***

- **Enhanced Tracking Reports**  
Refine your reports using familiar drop down menus to select date ranges, times of day, parked or set speed exceeded, time delta between points, 12 or 24 hour time format, and reverse address geocoding. All reports can be exported and saved in a variety of formats (Text, Excel, XML).
- **Pattern Identification**  
Using the enhanced tracking reports it is easy to identify tracking patterns and frequently visited locations on the map with visual marker icons and connected routes.
- **Live Reverse Geo-Coding**  
All of our mapping applications will quickly display the nearest address to the tracking unit location.
- **Perma-Crums**  
Every tracking point is uniquely numbered and archived making it accessible for future verification.
- **Low Battery Warning via Text Message & Email**  
Alerts the user when 20% remaining battery life, allowing enough time to change the battery.
- **No Software or Dongle Required**  
An Internet connection and a web browser is all that is required. Access to the SpectraTrak website is secure, safe, and reliable. The site is tested and certified against known Internet threats daily by McAfee Secure.
- **No Client or Map Licenses Required**  
With the SpectraTrak Secure GPS Tracking solution there are no licenses involved. You may share your username and password with your colleagues if you wish. At anytime you may change your password using the control panel to update your contact information.

Physical Characteristics (L x W x H)      5.75" x 3.75" x 2.0" Polycarbonate Housing with Steel & Ceramic Magnetic Base

Water-Resistant	Up to a depth of 1 meter for up to 30 minutes
Frequency (MHz)	850/900/1800/1900
Transmit power	Class 4 (2W@850/900 MHz) Class 1 (1W@1800/1900 MHz)
GPS Functionality	Autonomous and "enhanced" autonomous GPS operations with optional multi-day ephemeris service Tracking of up to 14 satellites Time to first fix: 2 s @ 5 m; 2 sec navigation fixes (with assistance data) 3GPP A-GPS standards compliant Supported protocols: SUPL, NMEA Over-the-Air Commands GPS TX internal, binary reporting, timed reporting, alarm reporting, status change reports, event reporting, distance reporting and geo-fencing Internal 1.8/3 V SIM included
SIM	
Operating	-30°C to 70°C
Storage	-40°C to 85°C
Power	5 Cell Rechargeable Li-Ion Battery Pack rated @ 13 Amp hours (includes 2 battery packs)
FCC	Parts 2, 15, 22 & 24
GCF	Version 3.21.1
PTCRB	Version 3.7.1
Industry Canada	Yes
CE Mark	Yes
RoHS Compliant	Yes