The

StarFLEX™

System for Automatic Vehicle Location (AVL)

Perfect for custom tracking applications, StarFLEX delivers advanced location and tracking functionality at prices friendly to your bottom line. It can easily be integrated into your existing billing, inventory and other applications.

Device configuration is accomplished remotely from the comfort of your desktop web browser. You can establish geofences, alerts and reporting email addresses with just a few clicks. Fleet management is also made easy; view all of your devices on a single map to see them in action.

You can easily add sensors to StarFLEX and access them remotely. Exisitng applications include remote control of thermostats, switches and remote maintenance of refrigerators and other equipment.

StarFLEX can operate on several networks throughout North America to provide maximum coverage capabilities to your tracking application. It is available for Arch Wireless, WebLink and other networks in the United States. It works with PageNet's network in Canada and Movil Access in Mexico.

StarFLEX is ideal for the company interested in high performance tracking at affordable prices. It also represents a unique opportunity to embed location and tracking services in your own business applications.

STARFLEX

Advanced tracking and communication capabilities in a portable and rugged design.

Never lose track of the things that mean the most to you. StarFLEX gives you the ability to track your vehicles and assets without wires and with industry-leading ease of use.

Locating and tracking your assets is as simple as installing our hardware and using your web browser. Whether you're tracking one vehicle or an entire fleet, you get everything you need at a very low price.

The tracking system is built from the ground up to minimize telemetry and communication expenses. As a result the total cost of owning and using the service is very low.

You can easily customize StarFLEX to meet your needs. For example, you can use the tracking device without using a central web site or special operator. It can communicate directly with you at your email, SMS or pager addresses. StarFLEX can also be integrated with your existing billing, inventory and tracking systems.

StarFLEX can transmit location data to two distinct email addresses simultaneously. That means that you can send data to your phone, to your web site or even to your own custom application. You're in control.

You also decide how often the tracking device reports its location. The device can report in automatically; you can specify any frequency from once every 6 minutes to once a month. You can also choose to have the device operate manually. In that case it sends location data only when you request that it do so.

With StarFLEX you can build GeoFences; these virtual fences define geographical areas for special behaviors. For example, you can configure StarFLEX to send an alert once it leaves the area you specified. You can also establish GeoFences that are triggered by vehicles entering their bounds.

For more information go to gpsonestar.com or call 866-231-7410.

StarFLEX

Physical Dimensions

Small and Light

Length: 136.65mm (5.38 in)
Width: 69.85mm (2.75 in)
Height: 35.69mm (1.41 in)
Weight: 151.2g (5.33 oz)

Electrical and Other Characteristics

User Commands	More than 30 user commands provide individual command and control of every unit either via standard email, two-way pager, or the web
Instrument Status Indicators	Red and Green LED indicators Power-on self-test complete - 3 green flashes, 1 Hz Pager attempting registration – 1 red flash, 0.3 Hz Acquiring GPS position – alternate red/green, 1 Hz
Power Supply Requirements	transmit: 8-18 Vdc, 2.500A maximum receive: 8-18 Vdc, 0.260A maximum standby: 8-18Vdc, 0.010A maximum
Maximum Voltage	+25 Vdc
Maximum Reverse Voltage	-25 Vdc (without damage)
Case Material	GE CYCOLAC ABS GSM
Operating Temperature	-40° C to + 85° C
Humidity Constraint	90% relative humidity at 50° C non-condensing
Accessories	[1] Portable (rubber duck) swivel antenna for pager [2] Small footprint active GPS antenna with 3 m RG-174 cable terminated with a male SMA RF connector [3] Cigarette lighter DC adapter
Coding format	ReFLEX 25
Frequency	929.2875 MHz
Sensitivity	-115dBm into standard TNC RF connector
RF Power Out	1W
Antenna Requirements	Supports active (up to 25 mA at 5Vdc) and passive antennas
Positional Accuracy	30 m (98 feet) [2 sigma / 95% confidence level]