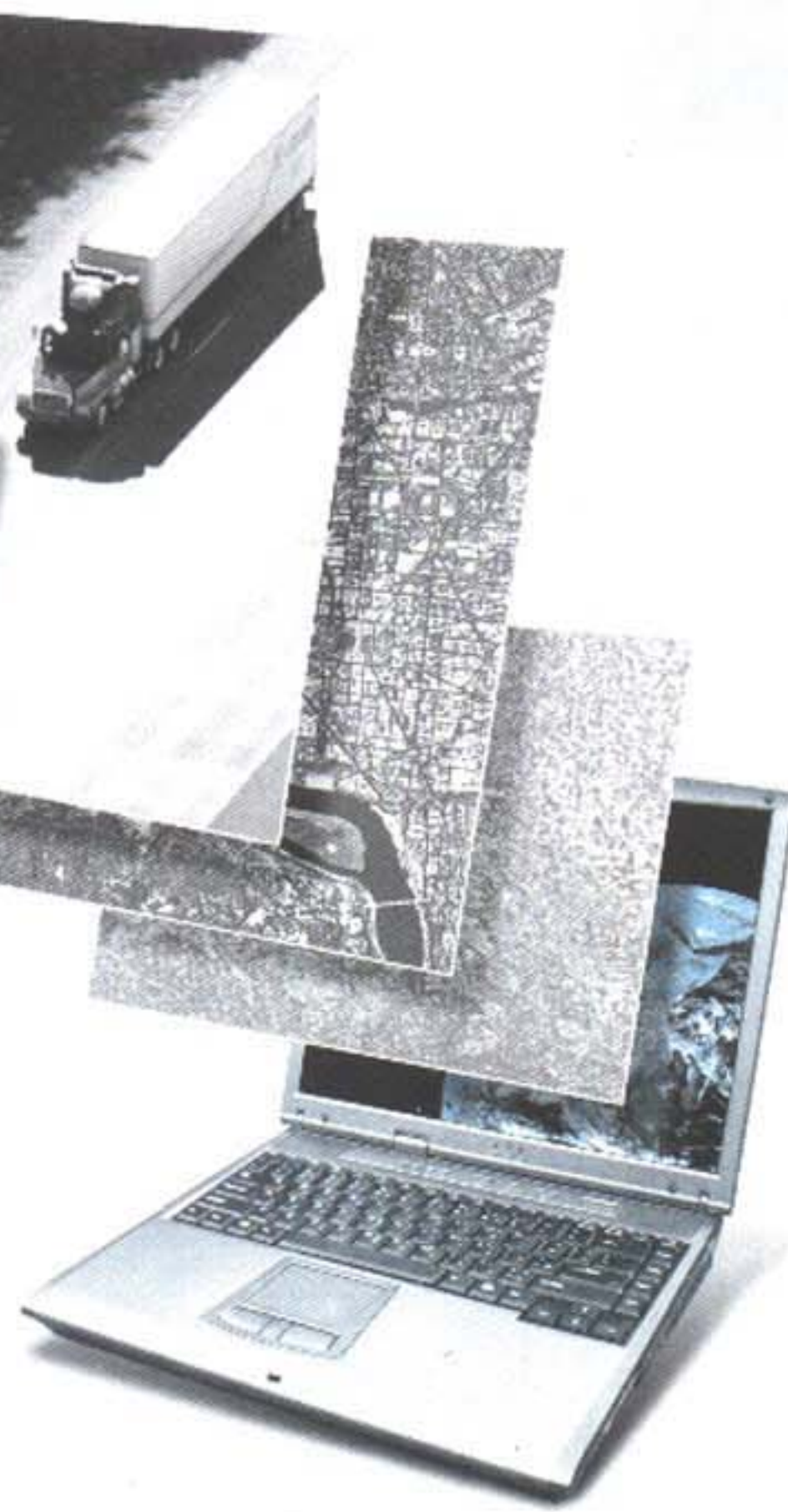


VLL

Vehicle Location Logger & Tracking



Do you ever wonder how far your vehicle traveled, how fast, how long, where it stopped?

VLL is the solution

How?

Just put the **VLL** in your vehicle, plug the power and connect it to the GPS receiver. Then the **VLL** starts storing the car location collected by the GPS receiver into the internal memory. This information can be retrieved later using a serial cable or short range RF to your PC as a file. This file can be exported to your GIS or Fleet management software for Mapping, analysis, reporting, etc.

Why?

Low cost

- By eliminating the need for expensive communication systems to send tracking information to a Central location; this data is stored in the **VLL** for later processing.
- Targets several markets like Trucks, Fleets, Public Transport, Car Rental, Taxis, even in Races and traveling.
- Extend your GPS receiver with better storage than any other handheld GPS with built-in logger.

Reliability

- Self-compression of stored track points when memory full.

Compatibility

- Stored data are the same as GPS NEMA format.

VLL Features

- Large Track storage.
- Configurable track point's interval.
- Password protection for unauthorized download of stored data.
- Encryption capability. (Optional)
- Low power consumption.
- Additional digital inputs for vehicle status.
- Easy integration with Fleet management and GIS software via the **VLL** SDK.
- Upgradeable to On-Line tracking using optional communication modules for:
 - GSM: SMS / Data
 - GPRS
 - VHF, UHF
 - HF
 - WiFi

Specifications

VLL

Internal Memory

30 000 Track points

Track point data

GPRMC NMEA (Data, Time, Validity, Position, Altitude, Speed, and Course)

LEDs

Indicates VLL status and operation

Track points Interval

Time based: min 1 second
Distance based: min 15 meter

VLL unit ID

Configurable

VLL unit password

Configurable

VLL Stored data Encryption

Optional

Addition Inputs (Vehicle status)

4 Digital Inputs

GPS

Channels

12, parallel, L1 frequency.

Update rate

1 second, continuous

Accuracy

15 meter RMS

Output

NEMA 0183 version 2.0 ASCII

Environmental

Dustproof

Shock resistance

Operating Temperature

-30 ~ +65 °C

Storage Temperature

-40 ~ +85 °C

Power

Input Voltage

6 ~ 40 VDC

Typical Draw

800 mA @ 12 VDC

Internal backup battery

Operates up to 10 years



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