

# TRAKIT-15



Intelligent GPS data processing makes the TRAKIT-15 a valuable management tool. Not only can it be used for personal navigation but it is also an excellent unit for capturing and recording vehicle activity for future playback or analysis. Position data can be captured intelligently by event, time interval or heading change. A TRAKIT exclusive dynamic speed and heading configuration feature allows for only pertinent data to be recorded, eliminating the clutter of large masses of useless data. Data captured by the TRAKIT-15 can be downloaded to the office computer for analysis. This can be done with a direct connection or by use of the TRAKIT SMART CARD system. The data is then available for playback and processing by the TRAKIT-ANALYZER application. Vehicle activity data can be further processed for ROUTE ACCOUNT ANALYSIS, PREVENTIVE MAINTENANCE and other applications. Fleet managers can have complete and accurate information of fleet activity. Summary and detail vehicle activity reports become an indispensable management tool.

## FEATURES

- Intelligent GPS data logging
- 1200+ record data buffer
- Data port for use in personal navigation while recording vehicle activity for analysis
- Intelligent configuration utility
- Dynamic speed settings for recording positions at different time intervals at different speeds.
- Heading parameter for capture of position records upon change of heading.
- Compatibility with TRAKIT SMART CARD system
- Designed for permanent or portable installation
- Data ports are programmable for custom applications
- 3 event inputs
- One digital output

## **TRAKIT-15 SPECIFICATIONS**

<b>Input Voltage</b>	11 VDC – 18 VDC
<b>Standby current @ 13.8 VDC</b>	125mA
With GPS receiver and antenna	310mA
<b>Temperature Range</b>	0 to + 70 deg C
<b>Relative Humidity</b>	90% at 50 deg C
<b>Weight</b>	1.1 lb.
<b>Dimensions</b>	5.5” x 5.5” x 1.5”

### **Description**

The Trakit-15 provides a full featured Automatic Vehicle Location (AVL) system for fleet management using the Global Positioning System (GPS). The Trakit-15 contains a GPS receiver, a data buffer, and two data ports. Numerous events can be programmed to generate position records that can be stored in the data buffer or sent to either of the data ports.

Interface cables are available for quick and easy installation of the Trakit-15 into a vehicle. The Trakit-15 can collect position information without operator intervention or the data ports can be used for real time monitoring from within the vehicle.

### **Capabilities and Features**

- Interface cables are available for easy installation.
- Operating and timing parameters are stored in non-volatile EEPROM and can be programmed to meet system requirements.
- Two data ports with numerous programmable operating modes.
- Three event input signals allow position records to be generated on external events.
- On board battery backed position buffer holds 1000+ records
- Internally located GPS receiver board.