IDA CORPORATION *The Way for 2-Way*

TRAKIT-25D

Digital technology communications systems have added new dimensions of opportunity for GPS fleet management. The TRAKIT-25D has been designed to interface with the latest communications technologies to not only function on those systems but also to maximize the technical opportunities that they offer.

TRAKIT-25D has been targeted for use on EDACS, OpenSky and APCO-25 systems. Characteristic of these systems is the potential of wide area coverage and large volumes of data throughput. Where available these systems make possible the tracking of large numbers of vehicles over wide areas.

Vehicle tracking, messaging and data transfer are possible. Independent capture and recording of vehicle activity can be done with the on-board data buffer. Downloading of data can be done via direct connection.

Features

- Vehicle tracking, messaging and data transfer on digital communications systems
- Use for both real-time monitoring and data logging
- Attaches to numerous types of digital communications equipment
  - EDACS
  - OpenSky
  - APCO-25
- Configure on-board parameters over-theair
- One programmable data port
- Download buffer data over-the-air to office computer
- Capable of multiple function input
  - TRAKIT BAR CODE
  - Sensor input
- Event alerts to dispatcher
- Intelligent triggering of real-time position reporting
- Intelligent position recording in the onboard data buffer

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TRAKIT 25D
Specifications

Input voltage	11 VDC - 18 VDC
Standby current @ 13.8 VDC	125mA
With GPS receiver and antenna	310 mA
Temperature range	0° to +70° C
Relative humidity	90% at 50° C
Weight	1.1 lbs
Dimensions	5.5" (w) x 5.5" (d) x 1.5" (h)

Description

The Trakit-25D provides a full featured Automatic Vehicle Location (AVL) system for fleet management using the Global Positioning System (GPS). The Trakit-25D 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.

The Trakit-25D is designed for us on digital radio systems including EDACS, OpenSky and P25 systems. Various radio interface cables are available for quick and easy installation.

Capabilities

- Can be used on digital Two-Way radio system.
- Interface kits to many radios are available for easy installation.
- Operating and timing parameters are stored in non-volatile EEPROM and can be programmed to meet system requirements.
- Report/Record locations based on speed parameters.
- Report/Record locations based on changes in heading.
- Two data ports with numerous programmable operating modes.
- Up to 8 external inputs allow position records to be generated on external events.
- Onboard battery backed position buffer holds 1000+ records.
- Internally located GPS receiver board.

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