

# FleetLog

## RF Fleet Management System

### Technical Information

#### Hardware Components

|          |  |
|----------|--|
| I/O      | 2 analog inputs<br>4 discrete user-defined outputs<br>Switch<br>Immobilizer<br>RPM<br>Odometer by pulse sensor |
| GPS Band | 1575.42MHz (FleetLog 02 only)  |

#### Communications

Automatic data transmitting RF modem from vehicle to data collection terminal

#### Electrical Characteristics

|                   |  |
|-------------------|--|
| Operating Voltage | 12V (8-40V Continuous)<br>Optional power converter to 12VDC for vehicles with for 24-48VDC batteries |
| Power Consumption | FL-01: 330mA maximum, 30mA in idle mode<br>FL-02: 420mA maximum, 30mA in idle mode                   |

#### Physical Environment

|                        |             |
|------------------------|-------------|
| Temperature Range      | -30-75°C    |
| Humidity               | 0-80%       |
| Dimensions (H x W x L) | 140x90x35mm |
| Weight                 | 200g        |



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FleetLog is an on board, computerized vehicle log that provides fleet managers with enhanced vehicle data logging, driver behavior monitoring, and trip event management. FleetLog features automatic RF data collection when in proximity to the data collection terminal.

By promoting reduced fuel consumption and timely maintenance, FleetLog encourages eco drive practices to reduce CO<sub>2</sub> emissions and vehicle wear and tear. As a result, FleetLog makes a significant contribution to savings in fuel and fleet maintenance costs.

With two analog signals, and four additional pre-defined sensors by the fleet manager, FleetLog provides comprehensive information regarding trip events, vehicle whereabouts, and driver behavior. FleetLog also compiles fuel consumption, job number, and billing data just like a classical vehicle log.

With an optional built-in GPS, FleetLog correlates trip events with map data to generate route and customer visit reports. After data transfer, fleet managers can view the data on-screen and generate printed reports according to fleet manager-defined parameters.

## FleetLog Key Features

### Vehicle Security and Safety Features

- Driver ID and authorized driver list
- Monitor vehicle data and events
- Vehicle location at each event
- Black box accident analysis
- Service due control

### Driver and Driver Environment Monitoring

- Trip initiation and end time with mileage count
- Idling and stop time
- Maximum speeds and number of over speed events
- Designate trip type, such as private or business

### Extensive Report Generation

- Vehicle, driver performance and trip data
- Deliveries and customer visits
- Fleet operation and comparison
- Maintenance reports
- Generate reports based on a wide variety of user-defined inputs
- Export data to other peripheral software
- Multi-lingual language support

### Typical Accessories

- Dallas iButton reader, magnetic card reader and numeric keypad
- Electrical and mechanical odometer sensors
- Pulse amplifier and divider
- GPS antenna (optional)
- Override switch