



Diagnostic
Information
Management
Environment

Product Overview

The DIME System is an end-to-end solution that seamlessly integrates vehicle diagnostics, secure communications and a web based user portal. The system provides remote monitoring of vehicular assets utilizing intuitive data displays based on DIME Miner © technology.



COMMERCIAL GRADE



MILITARY GRADE

Hardware Features

- ~ Power Consumption : ZERO Sleep / 120mW Active*
- ~ Size : 8.8 x 5 x 1.5
- ~ Operating Temperature ; -40C to +85C
- ~ Voltage Operation Range : 9 - 48VDC
- ~ I/O : 8 Analog Inputs (10 bit) / Digital
- ~ Communications : WLAN 802.11b,g; Cellular; Satellite*
- ~ Global Positioning System (GPS)

Embedded Software Features

- ~ Real Time Operating System Remote Flash
- ~ Remote Application Management
- ~ Built In Self Test (BIST)
- ~ OEM Diagnostic Protocol Measurement
- ~ Fault Capture
- ~ Store and Forward Data Compression

- ~ 2 High Speed 1Mbps CAN Channels
- ~ J1587 / J1708
- ~ Serial Interface RS232 / RS422 / RS485
- ~ Ethernet
- ~ On-board Temperature Sensor
- ~ Wake Time : 50ms
- ~ Aluminum Enclosure

Applications

- ~ Map Based Asset Management and Tracking
- ~ Condition Based Maintenance (CBM)
- ~ Real Time Fault Monitoring and Notification
- ~ XML Data Forwarding to Client Applications
- ~ Vehicle OEM Product Development
- ~ Vehicle OEM End Of Line (EOL) Testing

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