

Messenger

The Messenger works seamlessly with electronic engine controllers that support CANbus - J1939 or J1708 communications in the same box. The Messenger gathers data from a machine's on-board electronic control system and transmits it wirelessly for easy viewing. Specifically designed for diesel engine-based applications, the Messenger provides advanced telematics utilizing GPS location technology, LTE cellular technology, and engine bus monitoring - all in one weatherproof, shockproof unit.



Key Features

- Powerful 32-bit processor, real time operating system, FLASH and SCRAM
- Simple "plug-in" installation - connects to the diagnostic port of the engine
- Supports up to 3 digital/1 analog inputs, one output external CAN connection
- Supports variable methods for reporting GPS location/speed, as well as engine conditions
- Meets or exceeds SAE specifications for temperature, vibration, shock, and humidity
- Included over-the-air programmability and over-the-air tunneling
- Very low power mode based on RPM limit or other conditions
- Notifications based on time, events, or computations from data
- SMS messaging to change configuration or request monitored values
- Event and data logging
- User-specified PGNs to be monitored
- Virtual real-time transfer or monitored conditions
- Automatic firmware upgrades via FTP

Technical Specifications

Physical

Dimensions: 3.25 x 3.95"
Status LEDs: 8 LEDs on-board

Wireless Communication

LTE
Satellite via serial port

Electrical

Sleep Mode: Less than 6 ma @ 12VDC
Monitoring Mode: 70ma @ 12VDC
LTE Transmit Mode: 400ma peak @ 12VDC

Environmental

Temperature: -40° to +85° C
Shock and Vibration: Exceeds SAE J1455

Serial Ports

RS232/RS485
PPP connection for connection to Internet
Support Modbus Slave and Master protocol
External modems via pass-thru
Support OEM-specific communication



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