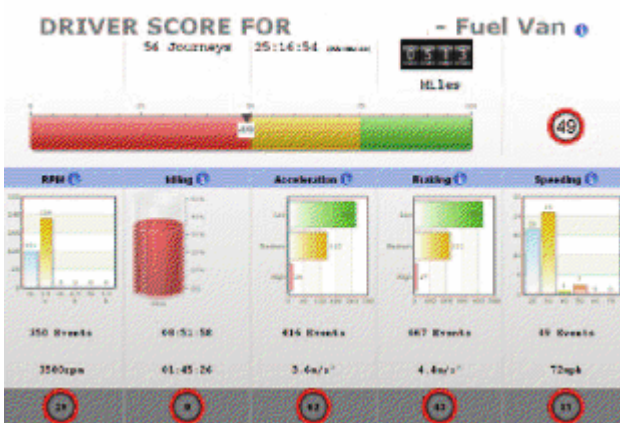


OBD Telematics

A Compact, Cost Effective Solution for Vehicle and Fleet Owners



OBD Driver Style Telematics

With an integrated GPS engine, cellular modem, and embedded GPRS and GPS antennas, the Matrix OBD unit is a compact, cost effective solution for vehicle and fleet owners to monitor the location, speed, travel direction and overall Driver Style of their vehicles to improve efficiency and safety. In addition the vehicle fault codes are reported back as they occur and can be alerted to reduce vehicle down-time.

This unit also satisfies Insurance industry Pay As You Drive and Pay How You Drive requirements.

Specifications:

Frequency Band	850/1900 MHz, 900/1800 MHz33
Transmit Power	dBm @ 850-900 MHz 30 dBm @ 1800-1900 MHz
Status Indicators	Network registration/GPRS GPS position acquisition status

GPS Specification

• Receiver	6 channel
• Receiver Sensitivity	-158 dBm
• Accuracy	+/- 2.5m CEP
• Cold Start	<38 sec (@ 45 dB C/N)
• Hot Start	< 3 sec (@45 dB C/N)

Network Functionality

- Auto-Register to GPRS network
- GPRS Class B, Multi-Slot 10
- Supports TCP, UDP and FTP
- OTA Firmware Upgrade Using FTP
- SMS connectivity

Power Requirement

• D.C Power	10-16V
• GSM 850	23mA average @ 12V
• GSM 1900	20mA average @ 12V

Physical Connection

- Power and input/output
 - Optional GPS Antenna
- 14 pin Micro Fit Connector
SMA female

Mechanical

Case Material	ABS plastic
Dimensions	2.0" X 1.8" X 1"
Weight	<2 oz.
Operating Temperature	-30°C to +75°C

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