



# KGIS FleetD1AG

The flexible vehicle diagnostic device



**Vehicle diagnostics is increasingly playing a major role in fleet management applications. The introduction of global environmental and regulatory standards will challenge transport operators to maximise the compliance levels and efficiency of their vehicles via effective fleet monitoring, diagnostic and fault recovery processes.**

*FleetD1AG* is an intelligent vehicle diagnostic unit which monitors, records and analyses engine characteristics, vehicle performance and driver behaviour. The unit provides a wide variety of information from vehicle speeds, temperature levels, engine status and fault information to mileage and fuel management data, allowing vehicle usage, fuel efficiency and service intervals to be accurately measured and reported.

*FleetD1AG* reads vehicle information via a simple plug in connection to the On Board Diagnostic (OBD II) interface, which provides both unit power and vehicle connectivity. The unit is equipped with a GSM/GPRS modem for remote vehicle diagnostics and instant event reporting. The data obtained is processed and predefined or significant engine parameters can be reported to its control server via SMS or GPRS data transfer.

Location is provided using cell site information and *FleetD1AG* also supports Cell Broadcast where provided by the GSM network. For applications requiring higher accuracy positioning, there is an optional GPS location module available. The position of vehicles can be obtained and transmitted over the air to the control server, allowing fleet assets to be managed more efficiently and effectively.

## [ feature benefits ]

- ▶ Allows safe handling component of failures
- ▶ Instant fleet status reports
- ▶ Detailed data analysis and records

## [ management benefits ]

- ▶ Consistent diagnostics across your fleet
- ▶ Reduced fault identification time
- ▶ Support integrated maintenance programmes
- ▶ Real time exporting of diagnostic data

## [ financial benefits ]

- ▶ Reduced routine maintenance cycles
- ▶ Reduced fuel, service and maintenance costs

## KGIS FleetDIAG

### Web Portal Graphical User Interface

FleetDIAG is delivered with a web portal which allows all vehicle information sent by FleetDIAG units to be examined and managed. FleetDIAG supports the FleetDIAG Download Manager that allows latest software to be remotely downloaded via GPRS into the FleetDIAG. This allows new functions to be added without further vehicle access.



Show vehicle details, driver's information, journey time and mileage



Easy steps when exporting data.

### KGIS FleetDIAG Basic Specification

Power	DC 10-36V (from OBD II connection)
Power consumption	Standby - <5mA Active - 60mA average
Cable	OBD II connector or CANbus
Vehicle Interfaces	ISO 9141, KWP2000, J1850 - PWM, CAN J1939
Wireless communication	GSM/SMS/GPRS Tri Band 900/1800/1900 MHz
Operating temperature	-10 to +55 degrees C
Compliance	95/54/EC
Location	GSM Cell Site Location Optional - GSM Triangulation Software Optional - GPS
Weight	370g (basic configuration)
Hardware Options	GPS USB Storage Key fob USB Access Key Combined USB Access Key and Log Storage Key fob
Software Options	Remote software download capability Vehicle Diagnostics Application Geofence Application Fleet Management Application Fleet Logger Application Fleet Access Application