

Tanker Truck GPS-GSM/GPRS Module



GuardMagic VB8 Road Fuel Tanker Monitoring

GuardMagic VB8: is a compact special tanker-truck GPS/ GSM-GPRS module dedicated to use on tanker-truck application.

GuardMagic VB8: intended for remote monitoring fuel level in compartments of fuel trailer (semi-trailer), remote supervision of tanker-truck movement, monitoring of tractor (tuck) fuel consumption.

GuardMagic Vb8 can be used in any type of road fuel tankers.



GuardMagic VB8

GuardMagic VB8 provides immediate transmitting or storing (if GSM coverage is out) and posterior transmitting information about road tanker to vehicle monitoring station.

Monitoring:

- Speed, Location, Acceleration, Deceleration, Fuel, in Cargo and Regular Tanks, Temperature, Drivers, Engine Status (On/Off) and Engine RPM.

Controlling:

- Engine Immobilization, Engine Remote Blocking, Customer Executing Device.

Advantages:

- Adaptive route fixing
- Multi tanks support (up to FOURTEEN fuel tanks)
- Connection to digital fuel level sensors
- High "Fuel Resolution" (1024 or 4096 levels)
- Active "Stand By" mode
- "One Click" connection to DLLS1 fuel sensor
- Acceleration-deceleration data transmitting
- Internal memory for 110 TH records
- Universal communication protocol

Specification:

GSM	850/900/1800/1900
Data transmitting	GPRS
Main power voltage	12/24V (DC 9 ... 30V)
Digital "fuel interface"	EIA-485
EIA-485 interface (fuel bus)	2
Supported cargo fuel tanks (cargo fuel compartments)	11
Supports total fuel sensors:	14
Fuel level resolution	1024 or 4096
Logical inputs summary	7
Logical outputs summary	2 (up to 2A)
Pulse input	1
1-wire interface	2
Additional temperature sensors:	up to Seven sensors
Service RS-232 interface	1
Module configuration	user setting
Working mode:	operation, active stand by; sleep
Driver identification	yes
Vehicle immobilization	yes
Operation application	indoor (in cabin)
Operation temperature	-30 ...+70

Multi Tanks (approximated):



Adaptive:

