

### Functionality Table

	<b>Type of Function</b>	
<b>1.</b>	<b>Power source</b>	
1.1	Vehicle battery 12 /24 V (9 ... 30 V)	+
1.2	External reserve battery (12 V , 1,2 A/h)	+
<b>2.</b>	<b>Inputs-Outputs in general</b>	
2.1	Logical inputs (in summary)	7
2.2	EIA-485 interface ("digital fuel bus")	+
2.3	Quantity of EIA-485 interface ("digital fuel bus").	2
2.4	1-Wire interface	2
2.5	RS-232 interface (for advanced functionality)*	+
2.6	Pulse input (engine RPM)	1
2.7	Logical output	2
<b>3.</b>	<b>Main function and connection</b>	
3.1	Supported monitoring station (main, reserve)	main and reserve
3.2	Adaptive data fixing	+
3.3	GPS information sending (speed, date, time, coordinates)	+
3.4	Acceleration and deceleration information sending	-
3.5	Sending information from external sensors	+
3.6	Internal memory for 110Thousand records. Storing collecting information if GPRS connection is absence.	+
3.7	Operation mode:	Packet, Real Time
3.8	Operation mode: - transport mode; - special machinery mode.	+
3.9	Sleep mode	+
3.10	Active stand by mode	+
3.11	Driver identification	+
3.12	Immobilization function	+
3.13	Remote blocking engine starting (engine blocking)	+
3.14	Total fuel tanks monitoring	14
3.15	Regular fuel tanks fuel monitoring function (tanks qty.). Connection to digital fuel sensor (GuardMagic DLLS1 or with the same communication protocol).	3
3.16	Cargo tanks or service tanks monitoring function (service or cargo tanks; cargo tanks or compartments in Tanker Truck); up to tanks (qty.). Connection to digital fuel sensor (GuardMagic DLLS, DLLE or sensor with the same communication protocol).	11
3.17	Additional fuel interface for cargo tanks	+
3.18	Fuel level resolution (levels)	1024 or 4096
3.19	Sending temperature information from fuel level sensors	+

	<b>Type of Function</b>	
3.20	Connection to digital temperature sensor (GuardMagic DTS or other with 1-wire communication protocol). Temperature monitoring function.	+
3.21	Connection to regular engine overheat sensor. Sending overheat information.	+
3.22	Ignition "On-Off" monitor	+
3.23	Car alarm connection and car alarm activation monitor	+
3.24	Regular fuel tank empty control and sending information	+
3.25	Crash sensor connection. Automatic sending information about road accident.	+
3.26	Connection to PANIC button. Sending information pressing button.	+
3.27	Connection to EVENT button. Sending information pressing button.	+
3.28	Connection to engine RPM sensor. Sending information about engine RPM	+
3.29	Remote module resetting by GPRS	+
<b>4.</b>	<b>Additional function</b>	
4.1	GPS receiver status monitoring	+
4.2	"Digital Fuel Bus" status monitoring	+
4.3	Main power status monitoring	+
4.4	Automatic theft signal transmitting.	+
4.5	Automatic transmitting information about not authorization engine starting	+
4.6	Possibility to connect additional data concentrator to EIA-485 interface *	+
4.7	Possibility to connect the additional "Fuel Inlet Cap Sensor controller"*	+
4.8	Possibility to connect the additional "Trailer Identification module"*	+
4.9	Possibility to connect additional terminals (navigator, SCADA etc.) by RS-232 interface*	+
4.10	External buzzer connection	+