

Vehicle GPS-GSM/GPRS modules. GuardMagic VB series

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1. Comparative Table

(GPRS communication protocol – GuardMagic Universal communication protocol)

	Type of function	GuardMagic VB series				
		VB1	VB2	VB3	VB4	VB5
1	Power source					
1.1	Vehicle battery 12 /24 V (9 ... 30 V)	+	+	+	+	+
1.2	External reserve battery (12 V , 1,2 A/h)	+	+	+	+	+
2.	Inputs-Outputs in general					
2.1	Logical inputs (in summary)	7	7	7	7	7
2.2	Analog "Fuel inputs"	-	2	-	-	-
2.3	EIA-485 interface ("digital fuel bus")	-	-	+	+	+
2.4	1-Wire interface	-	1	1	2	2
2.5	Logical output	1	1	1	1	1
3.	Main function and connection					
3.1	GPS information sending (speed, date, time, coordinates)	+	+	+	+	+
3.2	Sending information from external sensors	+	+	+	+	+
3.3	Internal memory for 230 Thousand records. Storing collecting information if GPRS connection is absence.	+	+	+	+	+
3.4	Operation mode: - real time; - packet.	+	+	+	+	+
3.5	Driver identification	-	+	+	+	+
3.6	Immobilization function	-	+	+	+	+
3.7	Remote blocking engine starting (engine blocking)	+	+	+	+	+
3.8	Total fuel tanks monitoring up to:	-	2	3	7	14
3.9	Regular tanks fuel monitoring function. Connection to analog fuel sensor (GuardMagic FLPa or regular).	-	2	-	-	-
3.10	Regular tanks fuel monitoring function. Connection to digital fuel sensor (GuardMagic DLLS, DLLE, DFLS3 or with the same communication protocol).	-	-	3	3	3
3.11	Cargo tanks or service tank monitoring function (cargo tanks, cargo compartments in Tanker Truck) up to: Connection to digital fuel sensor (GuardMagic DLLS, DLLE, DFLS3 or with the same communication protocol).	-	-	-	4	11
3.12	Fuel level sensor resolution (levels)	-	512	1024 or 4096	1024 or 4096	1024 or 4096
3.13	Connection to digital temperature sensor (GuardMagic DTS or other with 1-wire communication protocol). Temperature monitoring function.	-	-	-	7	7
3.14	Connection to regular engine overheat sensor. Sending overheat information.	+	+	+	+	+
3.15	Ignition "On-Off" control	+	+	+	+	+

3.16	Car alarm connection and car alarm activation control.	+	+	+	+	+
3.17	Regular fuel tank empty control and sending information	+	+	+	+	+
3.18	Crash sensor connection. Automatic sending information about road accident.	+	+	+	+	+
3.19	Connection to PANIC button. Sending information of pressing button.	+	+	+	+	+
3.20	Connection to EVENT button. Sending information of pressing button.	+	+	+	+	+
3.21	Remote module reprogramming by GPRS	+	+	+	+	+
4. Additional function						
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 to the additional data concentrator	-	-	-	-	+
4.7	Sleep mode	+	+	+	+	+

2. GuardMagic VB module series



- Dimension without antenna connector: 85x 115x 24 mm
- Weight: 220 gr.