

MSP500 Parameter list

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System parameters

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
138	Uint8	0	0	2	0 - Ignition 1 - Movement 2 - GPS	Movement source
133	Uint8	0	0	1	0 - GNSS 1 - OBD / CAN	Speed Source
106	Uint8	1	0	1	0 - Disable 1 - Enable	Static navigation
112	Uint8	1	0	1	1 - Movement 2 - Ignition 3 - Movement and Ignition	Static navigation source
107	Uint8	2	0	2	0 - After Position Fix 1 - Always 2 - After Time Sync	Send/Save records without TS
108	Uint8	1	0	1	0 - Disable 1 - Enable	LED Indication
109	Uint8	10	1	15	0 - Undefined 1 - Beidou only 2 - Glonass only 3 - Glonass and Beidou not allowed 4 - Galileo only 5 - Galileo and Beidou 6 - Galileo and Glonass 7 - Galileo, Glonass and Beidou not allowed 8 - Gps only 9 - Gps and Beidou 10 - Gps and Glonass 11 - Gps, Glonass and Beidou not allowed 12 - Gps and Galileo 13 - Gps, Galileo and Beidou 14 - Gps, Galileo and Glonass 15 - Gps, Galileo, Glonass and Beidou and not allowed	GNSS source
110	Uint8	0	0	1	0 - On need 1 - After ignition on	Battery charge mode

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
102	Uint8	2	0	2	0 - Disable 1 - Gps sleep 2 - Deep sleep 3 - Online Deep sleep 4 - Ultra sleep	Sleep settings
103	Uint16	1	1	3000	Minutes	Timeout

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
101	Uint8	4	1	14	1 - DIN 1 2 - Accelerometer 3 - Digital Input or Accelerometer 4 - Power Voltage 5 - Digital Input or Power Voltage 6 - Accelerometer or Power Voltage 7 - Digital Input, Accelerometer, or Power Voltage 8 - Engine RPM 9 - Digital Input or Engine RPM 10 - Accelerometer or Engine RPM 11 - Digital Input, Accelerometer or Engine RPM 12 - Power Voltage or Engine RPM 13 - Digital Input, Power Voltage or Engine RPM 14 - Accelerometer, Power Voltage or Engine RPM	Ignition settings
104	Uint16	30000	0	30000	mV	High voltage
105	Uint16	13200	0	29999	mV	Low voltage
Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
19001	Uint16	5	1	60	Seconds	Movement Start Delay
19002	Uint16	60	5	300	Seconds	Movement Stop Delay
Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
900	Uint8	1	0	3	0 - Gps only 1 - NITZ and NTP 2 - NTP 3 - NITZ	Synchronization settings
901	Uint8	0	0	24	Hours	NTP Resync
902	Char	"avl1.teltonika.lt"	0	55	String	NTP server 1
903	Char	"pool.ntp.org"	0	55	String	NTP server 2
Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
169	Uint8	2	0	2	0 - Disabled 1 - Once 2 - Continuous	Accelerometer Auto Calibration
170	Uint8	1	0	1	0 Disabled 1 Enabled	Gravity Filter
Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
169	Uint8	2	0	2	0 - Disabled 1 - Once 2 - Continuous	Accelerometer Auto Calibration
170	Uint8	1	0	1	0 Disabled 1 Enabled	Gravity Filter

GPRS parameters

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1000	Uint32	5	0	259200	Seconds	Open link timeout
1001	Uint16	30	5	300	Seconds	Response timeout
1002	Uint8	0	0	1	0 - Newest 1 - Oldest	Sort by

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
2000	Uint8	1	0	1	0 - Disable 1 - Enable	GPRS context
2001	Char	""	0	32	String	APN
2002	Char	""	0	32	String	APN username
2003	Char	""	0	32	String	APN password

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
2004	Char	""	0	55	String	Domain
2005	Uint16	0	0	65535	Number	Port
2006	Uint8	1	0	1	0 - TCP 1 - UDP	Protocol

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
2010	Uint8	0	0	2	0 - Disable 1 - Backup 2 - Duplicate	Backup Server Mode
2007	Char	""	0	55	String	Backup Server Domain
2008	Uint16	0	0	65535	Number	Backup Server Port
2009	Uint8	0	0	1	0 - TCP 1 - UDP	Backup Server Protocol

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
13003	Uint8	1	0	1	0 - Disable 1 - Enable	FOTA WEB Status
13000	Char	fota.teltonika.lt	0	55	String	FOTA WEB Domain
13001	Uint16	5000	0	65535	Number	FOTA WEB Port
13002	Uint16	720	30	65535	Number	FOTA WEB Period

SMS/Call settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
3000	Uint8	0	0	1	0 - Disable 1 - Enable	Allow SMS data sending
3001	Char	""	0	16	String	Data Send Number

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
3003	Char	""	0	5	String	Login
3004	Char	""	0	5	String	Password
3006	Uint16	UTC+00:00	UTC-12:00	UTC+13:00	Time zone	SMS event Time Zone

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		

3005	Uint8	0	0	4	0 - Do nothing 1 - Hangup 2 - Report position 3 - Spy call 4 - Auto answer	Incoming call action
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Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
3007	Uint8	0	0	7 (3 for FMB125)	0 - Disable 1 - DIN1 2 - Crash event 3 - DIN1 and Crash event 4 - DIN2 5 - DIN1 and DIN2 6 - DIN2 and Crash event 7 - DIN1, DIN2 and Crash event	Outgoing call trigger
3008	Uint8	0	0	10	GSM number	GSM number index

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
4000-4199	Char	""	0	16	String	Authorized number
Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
6000-6009	Char	""	0	16	String	Predefined number

GSM operators

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
5000-5049	Uint32	0	0	999999	Number	SIM1 roaming operator list
9500-9549	Uint32	0	0	999999	Number	SIM2 roaming/home operator list
5500-5549	Uint32	0	0	999999	Number	Operator blacklist

Data acquisition mode parameters

Home Network GSM operator code "Vehicle on STOP" parameters

Parameter ID	Parameter Type	Default value	Value range		Parameter name
			Min	Max	
10000	Uint16	3600	0	65535	Min Period
10004	Uint8	1	1	255	Min Saved Records
10005	Uint16	120	0	65535	Send Period

Home Network GSM operator code "Vehicle MOVING" parameters

Parameter ID	Parameter Type	Default value	Value range		Parameter name
			Min	Max	
10050	Uint16	300	0	65535	Min Period
10051	Uint16	100	0	65535	Min Distance
10052	Uint8	10	0	180	Min Angle
10053	Uint8	10	0	100	Min Speed Delta

10054	Uint8	1	1	255	Min Saved Records
10055	Uint16	120	0	65535	Send Period

Roaming Network GSM operator code "Vehicle on STOP" parameters

Parameter ID	Parameter Type	Default value	Value range		Parameter name
			Min	Max	
10100	Uint16	3600	0	65535	Min Period
10104	Uint8	1	1	255	Min Saved Records
10105	Uint16	0	0	65535	Send Period

Roaming Network GSM operator code "Vehicle MOVING" parameters

Parameter ID	Parameter Type	Default value	Value range		Parameter name
			Min	Max	
10150	Uint16	300	0	65535	Min Period
10151	Uint16	100	0	65535	Min Distance
10152	Uint8	10	0	180	Min Angle
10153	Uint8	10	0	100	Min Speed Delta
10154	Uint8	1	1	255	Min Saved Records
10155	Uint16	0	0	65535	Send Period

Unknown Network GSM operator code "Vehicle on STOP" parameters

Parameter ID	Parameter Type	Default value	Value range		Parameter name
			Min	Max	
10200	Uint16	3600	0	65535	Min Period
10204	Uint8	1	1	255	Min Saved Records
10205	Uint16	120	0	65535	Send Period

Unknown Network GSM operator code "Vehicle MOVING" parameters

Parameter ID	Parameter Type	Default value	Value range		Parameter name
			Min	Max	
10250	Uint16	300	0	65535	Min Period
10251	Uint16	100	0	65535	Min Distance
10252	Uint8	10	0	180	Min Angle
10253	Uint8	10	0	100	Min Speed Delta
10254	Uint8	1	1	255	Min Saved Records
10255	Uint16	0	0	65535	Send Period

Features parameters

Green driving parameters

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
11000	Uint8	0	0	3	0 - Disable 1 - Low priority 2 - High priority 3 - Panic priority	Scenario settings
11004	Uint8	2.5	0.5	10	m/s ²	Max acceleration
11005	Uint8	2.7	0.5	10	m/s ²	Max braking
11006	Uint8	3.4	0.5	10	m/s ²	Max cornering
11007	Uint8	0	0	1	0 - GPS 1 - Accelerometer	Source
11008	uint8	0	0	1	Enable/Disable	Duration
11003	Uint8	0	0	2 (1 for FMB125)	0 - None 1 - DOUT 1 2 - DOUT 2	Output control
11001	Int32	200	0	2147483647	Milliseconds	DOUT ON duration
11002	Int32	200	0	2147483647	Milliseconds	DOUT OFF duration
7034	Uint8	0	0	10	Phone number	Send SMS to
8034	String	"Green Driving"	0	160	Text	Sms text

Overspeeding scenario parameters

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
11100	Uint8	0	0	3	0 - Disable 1 - Low priority 2 - High priority 3 - Panic priority	Scenario settings
11104	Uint16	90	0	260	km/h	Max speed
13217	Uint8	0	0	2	0 - GNSS 1 - OBD 2 - Pulse counter	Speed source
13223	Uint16	28	0	100		Overspeeding hysteresis
11103	Uint8	0	0	2 (1 for FMB125)	0 - None 1 - DOUT 1 2 - DOUT 2	Output control
11101	Int32	200	0	2147483647	Milliseconds	DOUT ON duration
11102	Int32	200	0	2147483647	Milliseconds	DOUT OFF duration
7032	Uint8	0	0	10	Phone number	Send SMS to
8032	String	"Overspeeding"	0	160	Text	Sms text

Jamming scenario parameters

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
11300	Uint8	0	0	3	0 - Disable 1 - Low priority 2 - High priority 3 - Panic priority	Scenario settings
11303	Uint8	1	0	1	0 - Disable 1 - Enable	Eventual records
11304	Uint8	0	0	2 (1 for FMB125)	0 - None 1 - DOUT1 2 - DOUT2	Output control
11301	Int32	200	0	2147483647	Milliseconds	DOUT ON duration
11302	Int32	200	0	2147483647	Milliseconds	DOUT OFF duration

11305	Uint16	60	0	65535	Seconds	Timeout
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DOUT control via call scenario parameters

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
12000	Uint8	0	0	2 (1 for FMB125)	0 - None 1 - DOUT 1 2 - DOUT 2	Digital Output control
12001	Uint8	0	0	3 (1 for FMB125)	0 - None 1 - DIN 1 2 - DIN 2 3 - DIN 3	DOUT deactivation
12002	Int32	5	0	2147483647	Seconds	Duration timeout

GNSS Fuel counter

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
11900	Double	0	0	50	L/100km	City consumption
11901	Double	0	0	50	L/100km	Highway consumption
11902	Double	0	0	50	L/100km	Average consumption
11903	Uint8	30	0	250	km/h	City speed
11904	Uint8	90	0	250	km/h	Highway speed
11905	Uint8	60	0	250	km/h	Average speed
11906	Double	1	0.01	2	Coefficient	Correction coefficient
11907	Double	1	0	5	L/h	Fuel consumption on idling
11908	Uint8	20	0	250	%	Higher speeds add
11909	Uint8	50	0	100	Value	Highway consumption every km/h

Trip/Odometer

Trip scenario parameters

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
11800	Uint8	0	0	3	0 - Disable 1 - Low priority 2 - High priority 3 - Panic priority	Scenario settings
11801	Uint8	1	0	1	0 - Disable 1 - Enable	Eventual records
11802	Uint8	0	0	1	0 - Continuous 1 - Between records	Mode
11803	Uint8	5	0	255	km/h	Start speed
11804	Uint16	60	0	65535	Seconds	Ignition off timeout
7031	Uint8	0	0	10	Phone number	Send SMS to
8031	String	"Trip"	0	160	Text	Sms text

Advanced trip scenario parameters

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
700	Uint16	100	0	65535	0 - Disable	Eco score allowed events
11805	Uint8	0	0	1	0 - Disable 1 - Enable	Remember iButton

Odometer parameters

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
11806	Uint8	0	0	2	0 - GNSS 1 - OBD 2 - LVCAN	Calculation source
11807	Uint32	0	0	4294967	Kilometer	Odometer Value

AutoGeofencing scenario parameters

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
20000	Uint8	0	0	3	0 - Disable 1 - Low priority 2 - High priority 3 - Panic priority	Priority
20002	Uint8	1	0	1	0 - Disable 1 - Enable	Eventual records
20003	Uint16	5	0	65535	Minutes	Activation timeout
20001	Uint8	0	0	2	0 - On exiting zone 1 - On entering zone 2 - On both	AutoGeofence event generating
20005	Uint8	0	0	5	0 - Power voltage 1 - Digital input 1 2 - Engine RPM 3 - Digital input 2 4 - Digital input 3 5 - iButton	Deactivate by
20004	Uint32	100	0	1000000	Value	Radius
7030	Uint64	0	0	10	Phone number	Send SMS to
8030	String	"AutoGeofence"	0	160	Text	Sms text

Manual Geofence

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
20100	Uint8	0	0	3	0 - Disabled 1 - Low 2 - High 3 - Panic	Priority
20101	Uint8	0	0	3	0 - No event 1 - On exiting zone 2 - On entering zone 3 - On both	Operand

20102	Uint8	1	0	1	0 - Disable 1 - Enable	Eventual records
20103	Uint32	1	0	1000000	Border value	Frame border
20104	Uint8	0	0	1	0 - Circle 1 - Rectangle	Shape type
20105	Uint32	5	0	1000000	Metres	Radius
20106	Double	0	-180	180	Coordinate	X1
20107	Double	0	-90	90	Coordinate	Y1
20108	Double	0	-180	180	Coordinate	X2
20109	Double	0	-90	90	Coordinate	Y2
20110	Uint8	0	0	1	0 - Disable 1 - Enable	Overspeeding
20111	Uint16	90	0	1000	km/h	Max allowed speed
7025	Uint8	0	0	10	Phone number	Send SMS to
8025	String	"Geozone Zone #"	0	160	Text	SMS text

Similarly to a group defined in the upper table:

Zone number	Parameter													
	Priority	Event generating	Eventual records	Frame border	Shape type	Radius	X1	Y1	X2	Y2	Overspeeding	Max allowed speed	Send sms to	SMS text
1	20100	20101	20102	20103	20104	20105	20106	20107	20108	20109	20110	20111	7025	8025
2	20120	20121	20122	20123	20124	20125	20126	20127	20128	20129	20130	20131	7026	8026
3	20140	20141	20142	20143	20144	20145	20146	20147	20148	20149	20150	20151	7027	8027
4	20160	20161	20162	20163	20164	20165	20166	20167	20168	20169	20170	20171	7028	8028
5	20180	20181	20182	20183	20184	20185	20186	20187	20188	20189	20190	20191	7029	8029
6	20200	20201	20202	20203	20204	20205	20206	20207	20208	20209	20210	20211	7071	8071
7	20220	20221	20222	20223	20224	20225	20226	20227	20228	20229	20230	20231	7072	8072
8	20240	20241	20242	20243	20244	20245	20246	20247	20248	20249	20250	20251	7073	8073
9	20260	20261	20262	20263	20264	20265	20266	20267	20268	20269	20270	20271	7074	8074
10	20280	20281	20282	20283	20284	20285	20286	20287	20288	20289	20290	20291	7075	8075
11	20300	20301	20302	20303	20304	20305	20306	20307	20308	20309	20310	20311	7076	8076
12	20320	20321	20322	20323	20324	20325	20326	20327	20328	20329	20330	20331	7077	8077
13	20340	20341	20342	20343	20344	20345	20346	20347	20348	20349	20350	20351	7078	8078
14	20360	20361	20362	20363	20364	20365	20366	20367	20368	20369	20370	20371	7079	8079
15	20380	20381	20382	20383	20384	20385	20386	20387	20388	20389	20390	20391	7080	8080
16	20400	20401	20402	20403	20404	20405	20406	20407	20408	20409	20410	20411	7081	8081
17	20420	20421	20422	20423	20424	20425	20426	20427	20428	20429	20430	20431	7082	8082
18	20440	20441	20442	20443	20444	20445	20446	20447	20448	20449	20450	20451	7083	8083
19	20460	20461	20462	20463	20464	20465	20466	20467	20468	20469	20470	20471	7084	8084
20	20480	20481	20482	20483	20484	20485	20486	20487	20488	20489	20490	20491	7085	8085
21	20500	20501	20502	20503	20504	20505	20506	20507	20508	20509	20510	20511	7086	8086
22	20520	20521	20522	20523	20524	20525	20526	20527	20528	20529	20530	20531	7087	8087
23	20540	20541	20542	20543	20544	20545	20546	20547	20548	20549	20550	20551	7088	8088
24	20560	20561	20562	20563	20564	20565	20566	20567	20568	20569	20570	20571	7089	8089
25	20580	20581	20582	20583	20584	20585	20586	20587	20588	20589	20590	20591	7090	8090
26	20600	20601	20602	20603	20604	20605	20606	20607	20608	20609	20610	20611	7091	8091
27	20620	20621	20622	20623	20624	20625	20626	20627	20628	20629	20630	20631	7092	8092
28	20640	20641	20642	20643	20644	20645	20646	20647	20648	20649	20650	20651	7093	8093
29	20660	20661	20662	20663	20664	20665	20666	20667	20668	20669	20670	20671	7094	8094
30	20680	20681	20682	20683	20684	20685	20686	20687	20688	20689	20690	20691	7095	8095
31	20700	20701	20702	20703	20704	20705	20706	20707	20708	20709	20710	20711	7096	8096
32	20720	20721	20722	20723	20724	20725	20726	20727	20728	20729	20730	20731	7097	8097
33	20740	20741	20742	20743	20744	20745	20746	20747	20748	20749	20750	20751	7098	8098
34	20760	20761	20762	20763	20764	20765	20766	20767	20768	20769	20770	20771	7099	8099
35	20780	20781	20782	20783	20784	20785	20786	20787	20788	20789	20790	20791	7100	8100
36	20800	20801	20802	20803	20804	20805	20806	20807	20808	20809	20810	20811	7101	8101
37	20820	20821	20822	20823	20824	20825	20826	20827	20828	20829	20830	20831	7102	8102
38	20840	20841	20842	20843	20844	20845	20846	20847	20848	20849	20850	20851	7103	8103
39	20860	20861	20862	20863	20864	20865	20866	20867	20868	20869	20870	20871	7104	8104
40	20880	20881	20882	20883	20884	20885	20886	20887	20888	20889	20890	20891	7105	8105
41	20900	20901	20902	20903	20904	20905	20906	20907	20908	20909	20910	20911	7106	8106
42	20920	20921	20922	20923	20924	20925	20926	20927	20928	20929	20930	20931	7107	8107
43	20940	20941	20942	20943	20944	20945	20946	20947	20948	20949	20950	20951	7108	8108
44	20960	20961	20962	20963	20964	20965	20966	20967	20968	20969	20970	20971	7109	8109
45	20980	20981	20982	20983	20984	20985	20986	20987	20988	20989	20990	20991	7110	8110
46	21000	21001	21002	21003	21004	21005	21006	21007	21008	21009	21010	21011	7111	8111
47	21020	21021	21022	21023	21024	21025	21026	21027	21028	21029	21030	21031	7112	8112
48	21040	21041	21042	21043	21044	21045	21046	21047	21048	21049	21050	21051	7113	8113
49	21060	21061	21062	21063	21064	21065	21066	21067	21068	21069	21070	21071	7114	8114
50	21080	21081	21082	21083	21084	21085	21086	21087	21088	21089	21090	21091	7115	8115

Accelerometer features

Unplug Detection

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
11500	Uint8	0	0	3	0 - Disable 1 - Low priority 2 - High priority 3 - Panic priority	Scenario setting
11501	Uint8	1	0	1	0 - Disable 1 - Enable	Eventual records

11504	Uint8	1	0	1	0 - On Exit 1 - On Entrance 1 - On Both	Generate Event
11505	Uint8	0	0	1	0 - Disabled 1 - Enabled	Limp Mode
11506	Uint8	28	0	100	0 - Disabled	Limp Mode Speed
11502	Uint8	1	0	1	0 - Simple 1 - Advanced	Detection mode
7036	Uint8	0	0	10	Phone number	Send SMS to
8036	String	"Unplug"	0	160	Text	Sms text

Towing Detection

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
11600	Uint8	0	0	3	0 - Disable 1 - Low priority 2 - High priority 3 - Panic priority	Priority
11601	Uint8	1	0	1	0 - Disable 1 - Enable	Eventual records
11602	Uint16	5	0	65535	Minutes	Activation timeout
11603	Uint8	0	0	60	Seconds	Event timeout
11604	Uint8	0	0	10	Phone number	Make call to
11605	Double	0.22	0.1	5	mG	Threshold
11606	Double	1	0.1	5	Degrees	Angle
11607	Uint16	1000	1	5000	Milliseconds	Duration
7035	Uint8	0	0	10	Phone number	Send SMS to
8035	String	"Towing"	0	160	Text	Sms text

Crash Detection

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
11400	Uint8	0	0	3	0 - Disable 1 - Low priority 2 - High priority 3 - Panic priority	Scenario setting
11401	Uint8	5	0	1000	Milliseconds	Duration
11402	Uint16	1500	0	7900	mG	Threshold
11406	Int8	0	0	1	0 - Disable 1 - Enable	Crash trace
7037	Uint8	0	0	10	Phone number	Send SMS to
8037	String	"Crash"	0	160	Text	Sms text

Excessive Idling

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
11200	Uint8	0	0	3	0 - Disable 1 - Low priority 2 - High priority 3 - Panic priority	Scenario settings
11203	Uint8	1	0	1	0 - Disable 1 - Enable	Eventual records

11205	Uint8	5	0	255	Seconds	Time to stoped
11206	Uint8	2	0	255	Seconds	Time to moving
11204	Uint8	0	0	2 (1 for FMB125)	0 - None 1 - DOUT 1 2 - DOUT 2	Output control
11201	Int32	200	0	2147483647	Milliseconds	DOUT ON duration
11202	Int32	200	0	2147483647	Milliseconds	DOUT OFF duration
7033	Uint8	0	0	10	Phone number	Send SMS to
8033	String	"Idling Event"	0	160	Text	Sms text

Bluetooth®

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
800	Uint8	0	0	2	0 - Disable 1 - Enable hidden 2 - Enable visible	Scenario settings
801	String	"FMB1YX_(last 7 IMEI numbers)"	0	30	ID	Local name
802	String	"5555"	0	4	PIN	Local PIN
803	Uint8	0	0	3	0 - PIN only 1 - PIN and MAC 2 - MAC only 3 - None	Security mode
804	String	0	0	12	MAC	External MAC
805	String	0	0	30	ID	External name
806	String	0	0	8	PIN	External PIN
807	Uint8	0	0	3	0 - None 1 - Hands free 2 - OBDII 3 - Data link	Security mode
830-834	String	-	0	12	MAC list	Authorized devices MAC list

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1100	Uint16	120	120	65535	Seconds	TZ-BT04/05/05B Update frequency
1110	Uint8	4	0	6	0 - 1 1 - 2 2 - 3 3 - 4 4 - 5 5 - 6 6 - 7	BT Power Level
1111	Uint8	0	0	4	ID	BLE broadcasting service ID

BLE functionalities Connection #1

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		

1200	UInt8	0	0	2	0 - Disabled 1 - TZ-BT04/05/05B sensor 2 - Efento sensor	Working mode
1201	UInt8	0	0	8	ID	TZ-BT04/05/05B sensor ID
1202	String	0	0	12	MAC	Efento sensor MAC

BLE functionalities Connection #2

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1250	UInt8	0	0	2	0 - Disabled 1 - TZ-BT04/05/05B sensor 2 - Efento sensor	Working mode
1251	UInt8	0	0	8	ID	TZ-BT04/05/05B sensor ID
1252	String	0	0	12	MAC	Efento sensor MAC

BLE functionalities Connection #3

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1300	UInt8	0	0	2	0 - Disabled 1 - TZ-BT04/05/05B sensor 2 - Efento sensor	Working mode
1301	UInt8	0	0	8	ID	TZ-BT04/05/05B sensor ID
1302	String	0	0	12	MAC	Efento sensor MAC

BLE functionalities Connection #4

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1350	UInt8	0	0	2	0 - Disabled 1 - TZ-BT04/05/05B sensor 2 - Efento sensor	Working mode
1351	UInt8	-	0	8	ID	TZ-BT04/05/05B sensor ID
1352	String	0	0	12	MAC	Efento sensor MAC

Tracking on Demand

Parameter ID	Parameter Type	Default value	Value range		Parameter name
			Min	Max	
10990	UInt8	10	5	60	Tracking period
10991	UInt16	600	300	3600	Tracking duration

I/O parameters

Parameter ID	Parameter Type	Default value	Value range		Parameter name
			Min	Max	
50000	UInt8	1	0	3	Ignition Priority
50001	UInt8	5	0	6	Ignition Operand

50002	UInt8	0	0	1	Ignition High level
50003	UInt8	0	0	1	Ignition Low level
50004	UInt8	0	0	1	Ignition Event only
50005	UInt16	10	0	65535	Ignition Average
7000	UInt8	0	0	10	Send SMS
8000	String	0	0	160	SMS Text
50010	UInt8	1	0	3	Movement Priority
50011	UInt8	5	0	6	Movement Operand
50012	UInt8	0	0	1	Movement High level
50013	UInt8	0	0	1	Movement Low level
50014	UInt8	0	0	1	Movement Event only
50015	UInt16	1	0	65535	Movement Average
7001	UInt8	0	0	10	Send SMS
8001	String	0	0	160	SMS Text
50020	UInt8	1	0	3	Data Mode Priority
50021	UInt8	3	0	6	Data Mode Operand
50022	UInt8	0	0	5	Data Mode High level
50023	UInt8	0	0	5	Data Mode Low level
50024	UInt8	0	0	1	Data Mode Event only
7002	UInt8	0	0	10	Send SMS
8002	String	0	0	160	SMS Text
50030	UInt8	1	0	3	GSM Signal Priority
50031	UInt8	3	0	6	GSM Signal Operand
50032	UInt8	0	0	5	GSM Signal High level
50033	UInt8	0	0	5	GSM Signal Low level
50034	UInt8	0	0	1	GSM Signal Event only
50035	UInt16	1	0	65535	GSM Signal Average
7003	UInt8	0	0	10	Send SMS
8003	String	0	0	160	SMS Text
50040	UInt8	1	0	3	Deep Sleep Priority
50041	UInt8	3	0	6	Deep Sleep Operand
50042	UInt8	0	0	2	Deep Sleep High level
50043	UInt8	0	0	2	Deep Sleep Low level
50044	UInt8	0	0	1	Deep Sleep Event only
7004	UInt8	0	0	10	Send SMS
8004	String	0	0	160	SMS Text
50050	UInt8	1	0	3	GNSS Status Priority
50051	UInt8	3	0	6	GNSS Status Operand
50052	UInt8	0	0	5	GNSS Status High level
50053	UInt8	0	0	5	GNSS Status Low level
50053	UInt8	0	0	1	GNSS Status Event only
7005	UInt8	0	0	10	Send SMS
8005	String	0	0	160	SMS Text
50060	UInt8	0	0	3	GNSS PDOP Priority
5061	UInt8	3	0	6	GNSS PDOP Operand
5062	UInt16	0	0	1000	GNSS PDOP High level
5063	UInt16	0	0	1000	GNSS PDOP Low level
5064	UInt8	0	0	1	GNSS PDOP Event only
5065	UInt16	10	0	65535	GNSS PDOP Average
7006	UInt8	0	0	10	Send SMS
8006	String	0	0	160	SMS Text
50070	UInt8	1	0	3	GNSS HDOP Priority
50071	UInt8	3	0	6	GNSS HDOP Operand
50072	UInt16	0	0	1000	GNSS HDOP High level
50073	UInt16	0	0	1000	GNSS HDOP Low level
50074	UInt8	0	0	1	GNSS HDOP Event only
50075	UInt16	10	0	65535	GNSS HDOP Average
7007	UInt8	0	0	10	Send SMS
8007	String	0	0	160	SMS Text

50080	UInt8	1	0	3	External Voltage Priority
50081	UInt8	6	0	6	External Voltage Operand
50082	UInt16	1000	0	60000	External Voltage High level
50083	UInt16	0	0	60000	External Voltage Low level
50084	UInt8	0	0	1	External Voltage Event only
50085	UInt16	10	0	65535	External Voltage Average
7008	UInt8	0	0	10	Send SMS
8008	String	0	0	160	SMS Text
50090	UInt8	1	0	3	Speed Priority
50091	UInt8	3	0	6	Speed Operand
50092	UInt16	0	0	300	Speed High level
50093	UInt16	0	0	300	Speed Low level
50094	UInt8	0	0	1	Speed Event only
50095	UInt16	1	0	65535	Speed Average
7009	UInt8	0	0	10	Send SMS
8009	String	0	0	160	SMS Text
50100	UInt8	0	0	3	GSM Cell ID Priority
50101	UInt8	3	0	6	GSM Cell ID Operand
50102	UInt32	0	0	999999	GSM Cell ID High level
50103	UInt32	0	0	999999	GSM Cell ID Low level
50104	UInt8	0	0	1	GSM Cell ID Event only
7010	UInt8	0	0	10	Send SMS
8010	String	0	0	160	SMS Text
50110	UInt8	0	0	3	GSM Area Code Priority
50111	UInt8	3	0	6	GSM Area Code Operand
50112	UInt32	0	0	999999	GSM Area Code High level
50113	UInt32	0	0	999999	GSM Area Code Low level
50114	UInt8	0	0	1	GSM Area Code Event only
7011	UInt8	0	0	10	Send SMS
8011	String	0	0	160	SMS Text
50120	UInt8	1	0	3	Battery Voltage Priority
50121	UInt8	3	0	6	Battery Voltage Operand
50122	UInt16	0	0	5000	Battery Voltage High level
50123	UInt16	0	0	5000	Battery Voltage Low level
50124	UInt8	0	0	1	Battery Voltage Event only
50125	UInt8	0	0	10	Battery Voltage Average
7012	UInt8	0	0	10	Send SMS
8012	String	0	0	160	SMS Text
50130	UInt8	1	0	3	Battery Current Priority
50131	UInt8	3	0	6	Battery Current Operand
50132	UInt16	0	0	5000	Battery Current High level
50133	UInt16	0	0	5000	Battery Current Low level
50134	UInt8	0	0	1	Battery Current Event only
50135	UInt8	0	0	10	Battery Current Average
7013	UInt8	0	0	10	Send SMS
8013	String	0	0	160	SMS Text
50140	UInt8	0	0	3	Active GSM Operator Priority
50141	UInt8	3	0	6	Active GSM Operator Operand
50142	UInt32	0	0	999999	Active GSM Operator High level
50143	UInt32	0	0	999999	Active GSM Operator Low level
50144	UInt8	0	0	1	Active GSM Operator Event only
7014	UInt8	0	0	10	Send SMS
8014	String	0	0	160	SMS Text
50150	UInt8	0	0	3	Trip Odometer Priority
50151	UInt8	3	0	6	Trip Odometer Operand
50152	UInt32	0	0	1000000	Trip Odometer High level
50153	UInt32	0	0	1000000	Trip Odometer Low level
50154	UInt8	0	0	1	Trip Odometer Event only
7015	UInt8	0	0	10	Send SMS

8015	String	0	0	160	SMS Text
50160	UInt8	0	0	3	Total Odometer Priority
50161	UInt8	3	0	6	Total Odometer Operand
50162	UInt32	0	0	1000000	Total Odometer High level
50163	UInt32	0	0	1000000	Total Odometer Low level
50164	UInt8	0	0	1	Total Odometer Event only
7016	UInt8	0	0	10	Send SMS
8016	String	0	0	160	SMS Text
50170	UInt8	0	0	3	Digital Input 1 Priority
50171	UInt8	3	0	6	Digital Input 1 Operand
50172	UInt8	0	0	1	Digital Input 1 High level
50173	UInt8	0	0	1	Digital Input 1 Low level
50174	UInt8	0	0	1	Digital Input 1 Event only
50175	UInt16	1	0	65535	Digital Input 1 Average
7017	UInt8	0	0	10	Send SMS
8017	String	0	0	160	SMS Text
50180	UInt8	0	0	3	Analog Input 1 Priority
50181	UInt8	3	0	6	Analog Input 1 Operand
50182	UInt16	0	0	30000	Analog Input 1 High level
50183	UInt16	0	0	30000	Analog Input 1 Low level
50184	UInt8	0	0	1	Analog Input 1 Event only
50185	UInt16	10	0	65535	Analog Input 1 Average
7018	UInt8	0	0	10	Send SMS
8018	String	0	0	160	SMS Text
50190	UInt8	0	0	3	Digital Output 1 Priority
50191	UInt8	0	0	6	Digital Output 1 Operand
50192	UInt8	0	0	1	Digital Output 1 High level
50193	UInt8	0	0	1	Digital Output 1 Low level
50194	UInt8	0	0	1	Digital Output 1 Event only
50195	UInt16	1	0	65535	Digital Output 1 Average
7019	UInt8	0	0	10	Send SMS
8019	String	0	0	160	SMS Text
50200	UInt8	0	0	3	Fuel Used GPS Priority
50201	UInt8	3	0	6	Fuel Used GPS Operand
50202	UInt32	0	0	1000000	Fuel Used GPS High level
50203	UInt32	0	0	1000000	Fuel Used GPS Low level
50204	UInt8	0	0	1	Fuel Used GPS Event only
50205	UInt16	1	0	65535	Fuel Used GPS Average
7020	UInt8	0	0	10	Send SMS
8020	String	0	0	160	SMS Text
50210	UInt8	0	0	3	Fuel Rate GPS Priority
50211	UInt8	3	0	6	Fuel Rate GPS Operand
50212	UInt32	0	0	1000000	Fuel Rate GPS High level
50213	UInt32	0	0	1000000	Fuel Rate GPS Low level
50214	UInt8	0	0	1	Fuel Rate GPS Event only
50215	UInt16	1	0	65535	Fuel Rate GPS Average
7021	UInt8	0	0	10	Send SMS
8021	String	0	0	160	SMS Text
50220	UInt8	0	0	3	Axis X Priority
50221	UInt8	3	0	6	Axis X Operand
50222	UInt16	0	-8000	8000	Axis X High level
50223	UInt16	0	-8000	8000	Axis X Low level
50224	UInt8	0	0	1	Axis X Event only
50225	UInt16	1	0	65535	Axis X Average
7022	UInt8	0	0	10	Send SMS
8022	String	0	0	160	SMS Text
50230	UInt8	0	0	3	Axis Y Priority
50231	UInt8	3	0	6	Axis Y Operand
50232	UInt16	0	-8000	8000	Axis Y High level

50233	Uint16	0	-8000	8000	Axis Y Low level
50234	Uint8	0	0	1	Axis Y Event only
50235	Uint16	1	0	65535	Axis Y Average
7023	Uint8	0	0	10	Send SMS
8023	String	0	0	160	SMS Text
50240	Uint8	0	0	3	Axis Z Priority
50241	Uint8	3	0	6	Axis Z Operand
50242	Uint16	0	-8000	8000	Axis Z High level
50243	Uint16	0	-8000	8000	Axis Z Low level
50244	Uint8	0	0	1	Axis Z Event only
50245	Uint16	1	0	65535	Axis Z Average
7024	Uint8	0	0	10	Send SMS
8024	String	0	0	160	SMS Text
50250	Uint8	0	0	3	ICCID Priority
50251	Uint8	3	0	6	ICCID Operand
50254	Uint8	0	0	1	ICCID Event only
7069	Uint8	0	0	10	Send SMS
8069	String	0	0	160	SMS Text
50260	Uint8	0	0	3	SD Status Priority
50261	Uint8	3	0	6	SD Status Operand
50262	Uint8	0	0	1	SD Status High level
50263	Uint8	0	0	1	SD Status Low level
7070	Uint8	0	0	10	Send SMS
8070	String	0	0	160	SMS Text
50270	Uint8	0	0	3	Digital Input 2 Priority
50271	Uint8	3	0	6	Digital Input 2 Operand
50272	Uint8	0	0	1	Digital Input 2 High level
50273	Uint8	0	0	1	Digital Input 2 Low level
50274	Uint8	0	0	1	Digital Input 2 Event only
50275	Uint16	0	0	65535	Digital Input 2 Average
7116	Uint8	0	0	10	Send SMS
8116	String	0	0	160	SMS Text
50280	Uint8	0	0	3	Digital Input 3 Priority
50281	Uint8	3	0	6	Digital Input 3 Operand
50282	Uint8	0	0	1	Digital Input 3 High level
50283	Uint8	0	0	1	Digital Input 3 Low level
50284	Uint8	0	0	1	Digital Input 3 Event only
50285	Uint16	0	0	65535	Digital Input 3 Average
7117	Uint8	0	0	10	Send SMS
8117	String	0	0	160	SMS Text
50290	Uint8	0	0	3	Analog Input 2 Priority
50291	Uint8	3	0	6	Analog Input 2 Operand
50292	Uint16	0	0	30000	Analog Input 2 High level
50293	Uint16	0	0	30000	Analog Input 2 Low level
50294	Uint8	0	0	1	Analog Input 2 Event only
50295	Uint16	0	0	65535	Analog Input 2 Average
7117	Uint8	0	0	10	Send SMS
8117	String	0	0	160	SMS Text
50300	Uint8	0	0	3	Digital Output 2 Priority
50301	Uint8	3	0	6	Digital Output 2 Operand
50302	Uint8	0	0	1	Digital Output 2 High level
50303	Uint8	0	0	1	Digital Output 2 Low level
50304	Uint8	0	0	1	Digital Output 2 Event only
50305	Uint16	1	0	65535	Digital Output 2 Average
7119	Uint8	0	0	10	Send SMS
8119	String	0	0	160	SMS Text
50310	Uint8	0	0	3	Dallas Temperature 1 Priority
50311	Uint8	3	0	6	Dallas Temperature 1 Operand
50312	Int8	0	-55	125	Dallas Temperature 1 High level

50313	Int8	0	-55	125	Dallas Temperature 1 Low level
50314	UInt8	0	0	1	Dallas Temperature 1 Event only
50315	UInt16	0	0	65535	Dallas Temperature 1 Average
7120	UInt8	0	0	10	Send SMS
8120	String	0	0	160	SMS Text
50320	UInt8	0	0	3	Dallas Temperature 2 Priority
50321	UInt8	3	0	6	Dallas Temperature 2 Operand
50322	Int8	0	-55	125	Dallas Temperature 2 High level
50323	Int8	0	-55	125	Dallas Temperature 2 Low level
50324	UInt8	0	0	1	Dallas Temperature 2 Event only
50325	UInt16	0	0	65535	Dallas Temperature 2 Average
7121	UInt8	0	0	10	Send SMS
8121	String	0	0	160	SMS Text
50330	UInt8	0	0	3	Dallas Temperature 3 Priority
50331	UInt8	3	0	6	Dallas Temperature 3 Operand
50332	Int8	0	-55	125	Dallas Temperature 3 High level
50333	Int8	0	-55	125	Dallas Temperature 3 Low level
50334	UInt8	0	0	1	Dallas Temperature 3 Event only
50335	UInt16	0	0	65535	Dallas Temperature 3 Average
7122	UInt8	0	0	10	Send SMS
8122	String	0	0	160	SMS Text
50340	UInt8	0	0	3	Dallas Temperature 4 Priority
50341	UInt8	3	0	6	Dallas Temperature 4 Operand
50342	Int8	0	-55	125	Dallas Temperature 4 High level
50343	Int8	0	-55	125	Dallas Temperature 4 Low level
50344	UInt8	0	0	1	Dallas Temperature 4 Event only
50345	UInt16	0	0	65535	Dallas Temperature 4 Average
7123	UInt8	0	0	10	Send SMS
8123	String	0	0	160	SMS Text
50350	UInt8	0	0	3	Dallas Temperature ID 1 Priority
50351	UInt8	3	0	6	Dallas Temperature ID 1 Operand
50352	UInt32	0	0	999999999	Dallas Temperature ID 1 High level
50353	UInt32	0	0	999999999	Dallas Temperature ID 1 Low level
50354	UInt8	0	0	1	Dallas Temperature ID 1 Event only
50355	UInt16	0	0	65535	Dallas Temperature ID 1 Average
7124	UInt8	0	0	10	Send SMS
8124	String	0	0	160	SMS Text
50360	UInt8	0	0	3	Dallas Temperature ID 2 Priority
50361	UInt8	3	0	6	Dallas Temperature ID 2 Operand
50362	UInt32	0	0	999999999	Dallas Temperature ID 2 High level
50363	UInt32	0	0	999999999	Dallas Temperature ID 2 Low level
50364	UInt8	0	0	1	Dallas Temperature ID 2 Event only
50365	UInt16	0	0	65535	Dallas Temperature ID 2 Average
7125	UInt8	0	0	10	Send SMS
8125	String	0	0	160	SMS Text
50370	UInt8	0	0	3	Dallas Temperature ID 3 Priority
50371	UInt8	3	0	6	Dallas Temperature ID 3 Operand
50372	UInt32	0	0	999999999	Dallas Temperature ID 3 High level
50373	UInt32	0	0	999999999	Dallas Temperature ID 3 Low level
50374	UInt8	0	0	1	Dallas Temperature ID 3 Event only
50375	UInt16	0	0	65535	Dallas Temperature ID 3 Average
7126	UInt8	0	0	10	Send SMS
8126	String	0	0	160	SMS Text
50380	UInt8	0	0	3	Dallas Temperature ID 4 Priority
50381	UInt8	3	0	6	Dallas Temperature ID 4 Operand
50382	UInt32	0	0	999999999	Dallas Temperature ID 4 High level
50383	UInt32	0	0	999999999	Dallas Temperature ID 4 Low level
50384	UInt8	0	0	1	Dallas Temperature ID 4 Event only
50385	UInt16	0	0	65535	Dallas Temperature ID 4 Average

7127	UInt8	0	0	10	Send SMS
8127	String	0	0	160	SMS Text
50390	UInt8	0	0	3	iButton Priority
50391	UInt8	3	0	6	iButton Operand
50392	UInt32	0	0	999999999	iButton High level
50393	UInt32	0	0	999999999	iButton Low level
50394	UInt8	0	0	1	iButton Event only
50395	UInt16	0	0	65535	iButton Average
7128	UInt8	0	0	10	Send SMS
8128	String	0	0	160	SMS Text
50400	UInt8	0	0	3	RFID Priority
50401	UInt8	3	0	6	RFID Operand
50402	UInt8	0	0	999999999	RFID High level
50403	UInt8	0	0	999999999	RFID Low level
50404	UInt8	0	0	1	RFID Event only
50405	UInt16	1	0	65535	RFID Average
7129	UInt8	0	0	10	Send SMS
8129	String	0	0	160	SMS Text
50410	UInt8	0	0	3	LLS1 Fuel Level Priority
50411	UInt8	3	0	6	LLS1 Fuel Level Operand
50412	UInt8	0	0	65535	LLS1 Fuel Level High level
50413	UInt8	0	0	65535	LLS1 Fuel Level Low level
50414	UInt8	0	0	1	LLS1 Fuel Level Event only
50415	UInt16	1	0	65535	LLS1 Fuel Level Average
7130	UInt8	0	0	10	Send SMS
8130	String	0	0	160	SMS Text
50420	UInt8	0	0	3	LLS2 Fuel Level Priority
50421	UInt8	3	0	6	LLS2 Fuel Level Operand
50422	UInt8	0	0	65535	LLS2 Fuel Level High level
50423	UInt8	0	0	65535	LLS2 Fuel Level Low level
50424	UInt8	0	0	1	LLS2 Fuel Level Event only
50425	UInt16	1	0	65535	LLS2 Fuel Level Average
7131	UInt8	0	0	10	Send SMS
8131	String	0	0	160	SMS Text
50430	UInt8	0	0	3	LLS3 Fuel Level Priority
50431	UInt8	3	0	6	LLS3 Fuel Level Operand
50432	UInt8	0	0	65535	LLS3 Fuel Level High level
50433	UInt8	0	0	65535	LLS3 Fuel Level Low level
50434	UInt8	0	0	1	LLS3 Fuel Level Event only
50435	UInt16	1	0	65535	LLS3 Fuel Level Average
7132	UInt8	0	0	10	Send SMS
8132	String	0	0	160	SMS Text
50440	UInt8	0	0	3	LLS4 Fuel Level Priority
50441	UInt8	3	0	6	LLS4 Fuel Level Operand
50442	UInt8	0	0	65535	LLS4 Fuel Level High level
50443	UInt8	0	0	65535	LLS4 Fuel Level Low level
50444	UInt8	0	0	1	LLS4 Fuel Level Event only
50445	UInt16	1	0	65535	LLS4 Fuel Level Average
7133	UInt8	0	0	10	Send SMS
8133	String	0	0	160	SMS Text
50450	UInt8	0	0	3	LLS5 Fuel Level Priority
50451	UInt8	3	0	6	LLS5 Fuel Level Operand
50452	UInt8	0	0	65535	LLS5 Fuel Level High level
50453	UInt8	0	0	65535	LLS5 Fuel Level Low level
50454	UInt8	0	0	1	LLS5 Fuel Level Event only
50455	UInt16	1	0	65535	LLS5 Fuel Level Average
7134	UInt8	0	0	10	Send SMS
8134	String	0	0	160	SMS Text
50460	UInt8	0	0	3	LLS1 Temperature Priority

50461	UInt8	3	0	6	LLS1 Temperature Operand
50462	UInt8	0	-128	127	LLS1 Temperature High level
50463	UInt8	0	-128	127	LLS1 Temperature Low level
50464	UInt8	0	0	1	LLS1 Temperature Event only
50465	UInt16	1	0	65535	LLS1 Temperature Average
7135	UInt8	0	0	10	Send SMS
8135	String	0	0	160	SMS Text
50470	UInt8	0	0	3	LLS2 Temperature Priority
50471	UInt8	3	0	6	LLS2 Temperature Operand
50472	UInt8	0	-128	127	LLS2 Temperature High level
50473	UInt8	0	-128	127	LLS2 Temperature Low level
50474	UInt8	0	0	1	LLS2 Temperature Event only
50475	UInt16	1	0	65535	LLS2 Temperature Average
7136	UInt8	0	0	10	Send SMS
8136	String	0	0	160	SMS Text
50480	UInt8	0	0	3	LLS3 Temperature Priority
50481	UInt8	3	0	6	LLS3 Temperature Operand
50482	UInt8	0	-128	127	LLS3 Temperature High level
50483	UInt8	0	-128	127	LLS3 Temperature Low level
50484	UInt8	0	0	1	LLS3 Temperature Event only
50485	UInt16	1	0	65535	LLS3 Temperature Average
7137	UInt8	0	0	10	Send SMS
8137	String	0	0	160	SMS Text
50490	UInt8	0	0	3	LLS4 Temperature Priority
50491	UInt8	3	0	6	LLS4 Temperature Operand
50492	UInt8	0	-128	127	LLS4 Temperature High level
50493	UInt8	0	-128	127	LLS4 Temperature Low level
50494	UInt8	0	0	1	LLS4 Temperature Event only
50495	UInt16	1	0	65535	LLS4 Temperature Average
7138	UInt8	0	0	10	Send SMS
8138	String	0	0	160	SMS Text
50500	UInt8	0	0	3	LLS5 Temperature Priority
50501	UInt8	3	0	6	LLS5 Temperature Operand
50502	UInt8	0	-128	127	LLS5 Temperature High level
50503	UInt8	0	-128	127	LLS5 Temperature Low level
50504	UInt8	0	0	1	LLS5 Temperature Event only
50505	UInt16	1	0	65535	LLS5 Temperature Average
7139	UInt8	0	0	10	Send SMS
8139	String	0	0	160	SMS Text
50510	UInt8	0	0	3	Eco Score Priority
50511	UInt8	3	0	6	Eco Score Operand
50512	UInt8	0	0	1	Eco Score High level
50513	UInt8	0	0	1	Eco Score Low level
50514	UInt8	0	0	1	Eco Score Event only
7220	UInt8	0	0	10	Send SMS
8220	String	0	0	160	SMS Text
50690	UInt8	0	0	3	Battery level % Priority
50691	UInt8	0	0	6	Battery level % Operand
50692	UInt8	0	0	100	Battery level % High level
50693	UInt8	0	0	100	Battery level % Low level
50694	UInt8	0	0	1	Battery level % Event only
50695	UInt16	1	0	65535	Battery level % Average
7243	UInt8	0	0	10	Send SMS
8243	String	0	0	160	SMS Text
50720	UInt8	0	0	3	BT Status Priority
50721	UInt8	5	0	6	BT Status Operand
50722	UInt8	0	0	4	BT Status High level
50723	UInt8	0	0	3	BT Status Low level
50724	UInt8	0	0	1	BT Status Event only

50725	Uint16	1	0	65535	BT Status Average
7250	Uint8	0	0	10	Send SMS
8250	String	0	0	160	SMS Text
51730	Uint8	0	0	3	ISO6709 Coordinates Priority
51731	Uint8	3	0	6	ISO6709 Coordinates Operand
51734	Uint8	0	0	2	ISO6709 Coordinates Event only
7376	Uint8	0	0	10	Send SMS
8376	String	0	0	160	SMS Text

Parameters

Parameter name	Value
Priority	0 - Disabled
	1 - Low
	2 - High
	3 - Panic
Operand	0 - On Exit
	1 - On Entrance
	2 - On Both
	3 - Monitoring
	4 - On Hysteresis
	5 - On Change
Event only	6 - On Delta Change
	0 - Disabled
	1 - Enabled

Configuration

Parameter ID	Parameter Type	Default Value	Value Range		Parameter Name
			Min	Max	
13222	String		4	10	Simple user keyword
13216	Int	0	-720	840	Record timezone

OBD II (Bluetooth)

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
40100	Uint8	0	0	3	0 - Disabled	Priority
					1 - Low	
					2 - High	
					3 - Panic	
40101	Uint8	3	0	6	0 - On range exit	Operand
					1 - On range entrance	
					2 - On both	
					3 - Monitoring	
					4 - Hysteresis	
					5 - On change	
40102	Uint8	0	0	255	6 - On delta change	High level
					High value	

40103	Uint8	0	0	255	Low value	Low level
40104	Uint8	0	0	1	0 - Disable 1 - Enable	Event only
7038	Uint8	0	0	10	Phone number	Send SMS to
8038	String	"Number of DTC"	0	160	Text	SMS text

Similarly to a group defined in the upper table:

Name	Parameter						
	Priority	Low level	High level	Event only	Operand	Send SMS to	SMS text
Number Of DTC	40100	40103	40102	40104	40101	7038	8038
Engine Load	40110	40113	40112	40114	40111	7039	8039
Coolant Temperature	40120	40123	40122	40124	40121	7040	8040
Short Fuel Trim	40130	40133	40132	40134	40131	7041	8041
Fuel Pressure	40140	40143	40142	40144	40141	7042	8042
Intake Map	40150	40153	40152	40154	40151	7043	8043
Engine RPM	40160	40163	40162	40164	40161	7044	8044
Vehicle speed	40170	40173	40172	40174	40171	7045	8045
Timing advance	40180	40183	40182	40184	40181	7046	8046
Intake air temperature	40190	40193	40192	40194	40191	7047	8047
MAF	40200	40203	40202	40204	40201	7048	8048
Throttle position	40210	40213	40212	40214	40211	7049	8049
Run time since engine start	40220	40223	40222	40224	40221	7050	8050
Distance traveled MIL on	40230	40233	40232	40234	40231	7051	8051
Relative fuel rail pressure	40240	40243	40242	40244	40241	7052	8052
Direct fuel rail pressure	40250	40253	40252	40254	40251	7053	8053
Commanded EGR	40260	40263	40262	40264	40261	7054	8054
EGR error	40270	40273	40272	40274	40271	7055	8055
Fuel level	40280	40283	40282	40284	40281	7056	8056
Distance traveled since codes clear	40290	40293	40292	40294	40291	7057	8057
Barometric pressure	40300	40303	40302	40304	40301	7058	8058
Control module voltage	40310	40313	40312	40314	40311	7059	8059
Absolute load value	40320	40323	40322	40324	40321	7060	8060
Ambient air temperature	40330	40333	40332	40334	40331	7061	8061
Time run with MIL on	40340	40343	40342	40344	40341	7062	8062
Time since trouble codes cleared	40350	40353	40352	40354	40351	7063	8063
Fuel Type	40560	40563	40562	40564	40561	7633	8633
Absolute fuel rail pressure	40360	40363	40362	40364	40361	7064	8064
Hybrid battery pack remaining life	40370	40373	40372	40374	40371	7065	8065
Engine oil temperature	40380	40383	40382	40384	40381	7066	8066
Fuel injection timing	40390	40393	40392	40394	40391	7067	8067
Fuel Rate	40400	40403	40402	40404	40401	7068	8068
Command Equivalence Ratio	40460	40463	40462	40464	40461	7524	8524
Intake MAP (2 Bytes)	40470	40473	40472	40474	40471	7525	8525
Hybrid Vehicle System Voltage	40480	40483	40482	40484	40481	7526	8526
Hybrid Vehicle System Current	40490	40493	40492	40494	40491	7527	8527
Fault Codes	40420	-	-	40424	40421	7264	8264
VIN	40410	-	-	40414	40411	7241	8241
OEM Total Mileage	40430	40433	40432	40434	40431	7522	8522
OEM Fuel Level	40440	40443	40442	40444	40441	7529	8529
OEM Remaining Distance	40520	40523	40522	40524	40521	7628	8628
OEM Battery Charge State	40570	40573	40572	40574	40571	7634	8634
OEM Battery Charge Level	40580	40583	40582	40584	40581	7635	8635

RS232/RS485

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
150	Uint8	0	0	1	0 - Disable 1 - RS232	External UART mode

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		

151	UInt8	0	0	14	0 - Silent 1 - Log Mode 2 - NMEA 3 - LLS 4 - LCD 5 - RFID HID 6 - RFID MF7 7 - Garmin FMI 8 - TCP ASCII 9 - TCP Binary 10 - TCP ASCII Buffered 11 - TCP Binary Buffered 12 - Mercury C4 13 - UL202 Fuel Sensor 14 - POS Printer	Mode
152	UInt8	Depends on selected Mode	0	8	0 - Default 1 - 1200 2 - 2400 3 - 9600 4 - 14400 5 - 19200 6 - 38400 7 - 57600 8 - 115200	Baudrate
153	UInt8	Depends on selected Mode	0	3	0 - Default 1 - None 2 - Odd 3 - Even	Parity

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
154	UInt8	0	0	255	Number	Prefix 1
155	UInt8	0	0	255	Number	Prefix 2
156	UInt8	0	0	255	Number	Prefix 3

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
157	UInt8	0	0	3	0 - No filter 1 - Ping filter 2 - Unicode filter 3 - Ping and Unicode filters	Garmin Features

Default baudrate and parity by mode table:

Mode	RS232 default Baudrate	Default Parity (RS232 only)
Log Mode	115200	None
NMEA	115200	None
LLS	19200	None
LCD	57600	None
RFID HID	57600	None
RFID MF7	9600	None
Garmin FMI	9600	None
TCP ASCII	115200	None

TCP Binary	115200	None
Magnetic Card Reader	9600	None
POS Printer	115200	None

Registration details

Parameter ID	Parameter Type	Default Value	Value Range		Parameter Name
			Min	Max	
13224	String		0	40	Vendor name
13200	String		0	40	Vehicle owners name
13201	String		0	40	Vehicle owner ID
13202	String		0	40	Owner phone number
13203	String		0	40	Vehicle registration number
13204	String		0	40	Chassis number
13205	String		0	40	Vehicle make and type
13206	String		0	40	Certificate number
13207	String		0	40	Limiter type
13208	String		0	40	Limiter serial
13209	String		0	40	Date of fitting
13210	String		0	40	Fitting agents name
13211	String		0	40	Fitting agents ID
13212	String		0	40	Name and location of station
13213	String		0	40	Email address
13214	String		0	40	Agent phone number
13215	String		0	40	Business registration number

Configuration

Parameter ID	Parameter Type	Default Value	Value Range		Parameter Name
			Min	Max	
13222	String		4	10	Simple user keyword
13216	Int	0	-720	840	Record timezone