TAT140 Parameter list

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System parameters

System Settings

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

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
187	Uint8	5	0	30	Seconds	Coordinate Acquisition Timeout (s)
106	Uint16	1	0	1	0 - Disable 1 - Enable	Static Navigation
902	Char	"avl1.teltonika.lt"	0	55	String	NTP server 1
903	Char	"pool.ntp.org"	0	55	String	NTP server 2

GPRS

GPRS Settings

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
2016	Uint8	0	0	1	0 - Normal (PAP) 1 - Secured (CHAP)	-

Server Settings

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	0	0	1	0 – TCP 1 – UDP	Protocol

Records Settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1002	Uint8	1	0	1	0 – Newest 1 – Oldest	Sort by
1004	Uint8	1	0	1	0 – TCP/IP 1 – AVL	ACK Type

FOTA WEB Settings

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

SMS/Call Settings

SMS Commands

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

GSM Operations

Common settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
2018	Uint8	0	0	1	0 – Disable 1 – Enable	Ban List Control

Tracking

Tracking Scenarios

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
184	Uint8	2	0	2	0 – Backup Tracker 1 – Periodic 2 – Scheduler	Tracking mode

3006	Uint8	0	-720	840	-720 – UTC-12:00 -690 – UTC-11:30 -660 – UTC-11:00 -630 – UTC-10:30 -600 – UTC-10:00 -570 – UTC-09:30 -540 – UTC-09:00 -510 – UTC-08:30 -480 – UTC-08:00 -450 – UTC-07:30 -420 – UTC-07:00 -390 – UTC-06:30 -360 – UTC-06:00 -330 – UTC-05:30 -300 – UTC-05:00 -270 – UTC-04:30 -240 – UTC-04:00 -210 – UTC-03:30 -180 – UTC-03:00 -150 – UTC-02:30 -120 – UTC-02:00 -90 – UTC-01:30 -60 – UTC-01:00 -30 – UTC-00:30 0 – UTC+00:00 30 – UTC+00:30 60 – UTC+01:00 90 – UTC+01:30 120 – UTC+02:00 150 – UTC+02:30 180 – UTC+03:00 210 – UTC+03:30 240 – UTC+04:00 270 – UTC+04:30 300 – UTC+05:00 330 – UTC+05:30 360 – UTC+06:00 390 – UTC+06:30 420 – UTC+07:00 450 – UTC+07:30 480 – UTC+08:00 510 – UTC+08:30 540 – UTC+09:00 570 – UTC+09:30 600 – UTC+10:00 630 – UTC+10:30 660 – UTC+11:00 690 – UTC+11:30 720 – UTC+12:00 750 – UTC+12:30 780 – UTC+13:00 810 – UTC+13:30 840 – UTC+14:00	UTC Time Zone
185	Uint8	28800	360	259200	Seconds	On Stop (s)
186	Uint8	28800	360	259200	Seconds	On Moving (s)

196	Uint8	1	1	10	1 – None 2 – Tamper 4 – Lost BLE sensor 6 – Tamper & Lost BLE sensor 8 – Backup Tracker 10 – Tamper & Backup Tracker	Recovery Mode
197	Uint8	180	30	28800	Seconds	Period(s)

Scheduler

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name	Day Of The Week
			Min	Max			
2600	Uint8	0	0	1	0 – OFF 1 – ON	Day Of The Week	Monday
2500	Uint8	0	0	5	0 – 1 1 – 2 2 – 3 3 – 4 4 – 5 5 – 6	Records per day	
2510	Uint8	1200	0000	2359	time	1st Record	
2511	Uint8	1200	0000	2359	time	2nd Record	
2512	Uint8	1200	0000	2359	time	3rd Record	
2513	Uint8	1200	0000	2359	time	4th Record	
2514	Uint8	1200	0000	2359	time	5th Record	
2515	Uint8	1200	0000	2359	time	6th Record	

IMPORTANT: 4 digits representing time in 24 hours format. For example: 1826 will be 18h 26 min. Note, that value can not be an invalid time like 1899.

Similarly to a group defined in the upper table:

Day Of The Week	Parameter ID							
	Day	Records per day	1st	2nd	3rd	4th	5th	6th
Monday	**2600**	**2500**	**2510**	**2511**	**2512**	**2513**	**2514**	**2515**
Tuesday	**2601**	**2501**	**2520**	**2521**	**2522**	**2523**	**2524**	**2525**
Wednesday	**2602**	**2502**	**2530**	**2531**	**2532**	**2533**	**2534**	**2535**
Thursday	**2603**	**2503**	**2540**	**2541**	**2542**	**2543**	**2544**	**2545**
Friday	**2604**	**2504**	**2550**	**2551**	**2552**	**2553**	**2554**	**2555**
Saturday	**2605**	**2505**	**2560**	**2561**	**2562**	**2563**	**2564**	**2565**
Sunday	**2606**	**2506**	**2570**	**2571**	**2572**	**2573**	**2574**	**2575**

I/O

Parameter ID	Parameter Type	Default value	Value range		Value	parameter	Input Name
			Min	Max			

50020	Uint8	0	0	3	0 – None 1 – Low 2 – High 3 – Panic	Priority	**Data Mode**
50023	Uint8	0	0	0	-	Low Level	
50022	Uint8	0	0	5	-	High Level	
50024	Uint8	0	0	1	0 – No 1 – Yes 2 – Crash	Event Only	
50021	Uint8	3	0	6	0 – On Exit 1 – On Entrance 2 – On Both 3 – Monitoring 4 – On Hysteresis 5 – On Change 6 – On Delta Change	Operand	
7002	Uint8	0	0	10	Predefined Number	Send SMS To	
8002	String	Data Mode	0	160	Predefined Number	SMS Text	
50030	Uint8	1	0	3	0 – None 1 – Low 2 – High 3 – Panic	Priority	**GSM Signal**
50033	Uint8	0	0	0	-	Low Level	
50032	Uint8	0	0	5	-	High Level	
50034	Uint8	0	0	1	0 – No 1 – Yes 2 – Crash	Event Only	
50031	Uint8	3	0	6	0 – On Exit 1 – On Entrance 2 – On Both 3 – Monitoring 4 – On Hysteresis 5 – On Change 6 – On Delta Change	Operand	
50035	Uint16	7	0	65535	-	Average Const	
7003	Uint8	0	0	10	Predefined Number	Send SMS To	
8003	String	GSM Signal	0	160	Predefined Number	SMS Text	
50050	Uint8	1	0	3	0 – None 1 – Low 2 – High 3 – Panic	Priority	**GNSS Status**
50053	Uint8	0	0	0	-	Low Level	
50052	Uint8	0	0	5	-	High Level	
50054	Uint8	0	0	1	0 – No 1 – Yes 2 – Crash	Event Only	
50051	Uint8	3	0	6	0 – On Exit 1 – On Entrance 2 – On Both 3 – Monitoring 4 – On Hysteresis 5 – On Change 6 – On Delta Change	Operand	
7005	Uint8	0	0	10	Predefined Number	Send SMS To	
8005	String	GNSS Power	0	160	Predefined Number	SMS Text	

50060	Uint8	1	0	3	0 – None 1 – Low 2 – High 3 – Panic	Priority	**GNSS PDOP**
50063	Uint8	0	0	0	-	Low Level	
50062	Uint8	0	0	1000	-	High Level	
50064	Uint8	0	0	1	0 – No 1 – Yes 2 – Crash	Event Only	
50061	Uint8	3	0	6	0 – On Exit 1 – On Entrance 2 – On Both 3 – Monitoring 4 – On Hysteresis 5 – On Change 6 – On Delta Change	Operand	
50065	Uint16	10	0	65535	-	Average Const	
7006	Uint8	0	0	10	Predefined Number	Send SMS To	
8006	String	GNSS PDOP	0	160	Predefined Number	SMS Text	
50070	Uint8	1	0	3	0 – None 1 – Low 2 – High 3 – Panic	Priority	**GNSS HDOP**
50073	Uint8	0	0	0	-	Low Level	
50072	Uint8	0	0	1000	-	High Level	
50074	Uint8	0	0	1	0 – No 1 – Yes 2 – Crash	Event Only	
50071	Uint8	3	0	6	0 – On Exit 1 – On Entrance 2 – On Both 3 – Monitoring 4 – On Hysteresis 5 – On Change 6 – On Delta Change	Operand	
50075	Uint16	10	0	65535	-	Average Const	
7007	Uint8	0	0	10	Predefined Number	Send SMS To	
8007	String	GNSS HDOP	0	160	Predefined Number	SMS Text	
50090	Uint8	1	0	3	0 – None 1 – Low 2 – High 3 – Panic	Priority	**Speed**
50093	Uint8	0	0	0	Km/h	Low Level	
50092	Uint8	0	0	300	Km/h	High Level	
50094	Uint8	0	0	1	0 – No 1 – Yes 2 – Crash	Event Only	
50091	Uint8	3	0	6	0 – On Exit 1 – On Entrance 2 – On Both 3 – Monitoring 4 – On Hysteresis 5 – On Change 6 – On Delta Change	Operand	
50095	Uint16	1	0	65535	-	Average Const	
7009	Uint8	0	0	10	Predefined Number	Send SMS To	
8009	String	Speed	0	160	Predefined Number	SMS Text	

50100	Uint8	0	0	3	0 – None 1 – Low 2 – High 3 – Panic	Priority	**GSM Cell ID**
50103	Uint8	0	0	0	-	Low Level	
50102	Uint8	0	0	999999	-	High Level	
50104	Uint8	0	0	1	0 – No 1 – Yes 2 – Crash	Event Only	
50101	Uint8	3	0	6	0 – On Exit 1 – On Entrance 2 – On Both 3 – Monitoring 4 – On Hysteresis 5 – On Change 6 – On Delta Change	Operand	
7010	Uint8	0	0	10	Predefined Number	Send SMS To	
8010	String	GSM Cell ID	0	160	Predefined Number	SMS Text	
50110	Uint8	0	0	3	0 – None 1 – Low 2 – High 3 – Panic	Priority	**GSM Area Code**
50113	Uint8	0	0	0	-	Low Level	
50112	Uint8	0	0	999999	-	High Level	
50114	Uint8	0	0	1	0 – No 1 – Yes 2 – Crash	Event Only	
50111	Uint8	3	0	6	0 – On Exit 1 – On Entrance 2 – On Both 3 – Monitoring 4 – On Hysteresis 5 – On Change 6 – On Delta Change	Operand	
7011	Uint8	0	0	10	Predefined Number	Send SMS To	
8011	String	GSM Area Code	0	160	Predefined Number	SMS Text	
50120	Uint8	1	0	3	0 – None 1 – Low 2 – High 3 – Panic	Priority	**Battery Voltage**
50123	Uint8	0	0	5000/11000 (LiPo/NiMh)	mV	Low Level	
50122	Uint8	0	0	5000/11000 (LiPo/NiMh)	mV	High Level	
50124	Uint8	0	0	1	0 – No 1 – Yes 2 – Crash	Event Only	
50121	Uint8	3	0	6	0 – On Exit 1 – On Entrance 2 – On Both 3 – Monitoring 4 – On Hysteresis 5 – On Change 6 – On Delta Change	Operand	
50125	Uint16	10	0	65535	-	Average Const	
7012	Uint8	0	0	10	Predefined Number	Send SMS To	
8012	String	Battery Voltage	0	160	Predefined Number	SMS Text	

50140	Uint8	1	0	3	0 – None 1 – Low 2 – High 3 – Panic	Priority	**Active GSM Operator**
50143	Uint8	0	0	0	-	Low Level	
50142	Uint8	0	0	9999999	-	High Level	
50144	Uint8	0	0	1	0 – No 1 – Yes 2 – Crash	Event Only	
50141	Uint8	3	0	6	0 – On Exit 1 – On Entrance 2 – On Both 3 – Monitoring 4 – On Hysteresis 5 – On Change 6 – On Delta Change	Operand	
7014	Uint8	0	0	10	Predefined Number	Send SMS To	
8014	String	Active GSM Operator	0	160	Predefined Number	SMS Text	
50250	Uint8	0	0	3	0 – None 1 – Low 2 – High 3 – Panic	Priority	**ICCID**
50254	Uint8	0	0	1	0 – No 1 – Yes 2 – Crash	Event Only	
50251	Uint8	3	0	6	0 – On Exit 1 – On Entrance 2 – On Both 3 – Monitoring 4 – On Hysteresis 5 – On Change 6 – On Delta Change	Operand	
7069	Uint8	0	0	10	Predefined Number	Send SMS To	
8069	String	ICCID Value	0	160	Predefined Number	SMS Text	
51050	Uint8	0	0	3	0 – None 1 – Low 2 – High 3 – Panic	Priority	**Instant Movement**
51053	Uint8	0	0	0	-	Low Level	
51052	Uint8	0	0	1	-	High Level	
51054	Uint8	0	0	1	0 – No 1 – Yes 2 – Crash	Event Only	
51051	Uint8	3	0	6	0 – On Exit 1 – On Entrance 2 – On Both 3 – Monitoring 4 – On Hysteresis 5 – On Change 6 – On Delta Change	Operand	
51055	Uint16	10	0	65535	-	Average Const	
7286	Uint8	0	0	10	Predefined Number	Send SMS To	
8286	String	Instant Movement	0	160	Predefined Number	SMS Text	
51730	Uint8	0	0	3	0 – None 1 – Low 2 – High 3 – Panic	Priority	**Coordinates ISO6709**
51734	Uint8	0	0	1	0 – No 1 – Yes 2 – Crash	Event Only	
51731	Uint8	3	0	6	0 – On Exit 1 – On Entrance 2 – On Both 3 – Monitoring 4 – On Hysteresis 5 – On Change 6 – On Delta Change	Operand	
7376	Uint8	0	0	10	Predefined Number	Send SMS To	
8376	String	ISO6709 Coordinates	0	160	Predefined Number	SMS Text	

50010	Uint8	1	0	3	0 – None 1 – Low 2 – High 3 – Panic	Priority	**Movement**
50013	Uint8	0	0	0	-	Low Level	
50012	Uint8	0	0	1	-	High Level	
50014	Uint8	0	0	1	0 – No 1 – Yes 2 – Crash	Event Only	
50011	Uint8	3	0	6	0 – On Exit 1 – On Entrance 2 – On Both 3 – Monitoring 4 – On Hysteresis 5 – On Change 6 – On Delta Change	Operand	
50015	Uint16	10	0	65535	-	Average Const	
7001	Uint8	0	0	10	Predefined Number	Send SMS To	
8001	String	Movement	0	160	Predefined Number	SMS Text	