

# TAT100 Parameter list

[Main Page](#) > [Autonomous Trackers](#) > [TAT100](#) > [TAT100 Manual](#) > **TAT100 Parameter list**



## Contents

- [1 System parameters](#)
  - [1.1 System Settings](#)
- [2 GPRS](#)
  - [2.1 GPRS Settings](#)
  - [2.2 Server Settings](#)
  - [2.3 Records Settings](#)
  - [2.4 FOTA WEB Settings](#)
- [3 SMS/Call Settings](#)
  - [3.1 SMS Commands](#)
- [4 GSM Operations](#)
  - [4.1 Common settings](#)
- [5 Tracking](#)
  - [5.1 Tracking Scenarios](#)
  - [5.2 Scheduler](#)
- [6 I/O](#)

## System parameters

### System Settings

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

<b>109</b>	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
<b>187</b>	Uint8	5	0	30	Seconds	Coordinate Acquisition Timeout (s)
<b>106</b>	Uint16	1	0	1	0 - Disable 1 - Enable	Static Navigation
<b>191</b>	Uint8	6	0	9	4 - 50 mG 5 - 100 mG 6 - 150 mG 7 - 200 mG 8 - 250 mG 9 - 300 mG 0 - 350 mG 1 - 500 mG 2 - 750 mG 3 - 1000 mG	Movement Sensitivity
<b>902</b>	Char	"av11.teltonika.lt"	0	55	String	NTP server 1
<b>903</b>	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		
<b>2000</b>	Uint8	1	0	1	0 - Disable 1 - Enable	GPRS context
<b>2001</b>	Char	""	0	32	String	APN
<b>2002</b>	Char	""	0	32	String	APN username
<b>2003</b>	Char	""	0	32	String	APN password
<b>2016</b>	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

<b>3006</b>	UInt8	0	-720	840	-720 - UTC-12:00	UTC Time Zone
					-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	
<b>185</b>	UInt32_t	28800	360	259200	Seconds	On Stop (s)
<b>186</b>	UInt32_t	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	1	1	6	1 - 1 2 - 2 3 - 3 4 - 4 5 - 5 6 - 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			

<b>50020</b>	UInt8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Data Mode</b>
<b>50023</b>	UInt8	0	0	0	-	Low Level	
<b>50022</b>	UInt8	0	0	5	-	High Level	
<b>50024</b>	UInt8	0	0	1	0 - No 1 - Yes 2 - Crash	Event Only	
<b>50021</b>	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	
<b>7002</b>	UInt8	0	0	10	Predefined Number	Send SMS To	
<b>8002</b>	String	Data Mode	0	160	Predefined Number	SMS Text	
<b>50030</b>	UInt8	1	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>GSM Signal</b>
<b>50033</b>	UInt8	0	0	0	-	Low Level	
<b>50032</b>	UInt8	0	0	5	-	High Level	
<b>50034</b>	UInt8	0	0	1	0 - No 1 - Yes 2 - Crash	Event Only	
<b>50031</b>	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	
<b>50035</b>	UInt16	7	0	65535	-	Average Const	
<b>7003</b>	UInt8	0	0	10	Predefined Number	Send SMS To	
<b>8003</b>	String	GSM Signal	0	160	Predefined Number	SMS Text	
<b>50050</b>	UInt8	1	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>GNSS Status</b>
<b>50053</b>	UInt8	0	0	0	-	Low Level	
<b>50052</b>	UInt8	0	0	5	-	High Level	
<b>50054</b>	UInt8	0	0	1	0 - No 1 - Yes 2 - Crash	Event Only	
<b>50051</b>	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	
<b>7005</b>	UInt8	0	0	10	Predefined Number	Send SMS To	
<b>8005</b>	String	GNSS Power	0	160	Predefined Number	SMS Text	

<b>50060</b>	UInt8	1	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>GNSS PDOP</b>
<b>50063</b>	UInt8	0	0	0	-	Low Level	
<b>50062</b>	UInt8	0	0	1000	-	High Level	
<b>50064</b>	UInt8	0	0	1	0 - No 1 - Yes 2 - Crash	Event Only	
<b>50061</b>	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	
<b>50065</b>	UInt16	10	0	65535	-	Average Const	
<b>7006</b>	UInt8	0	0	10	Predefined Number	Send SMS To	
<b>8006</b>	String	GNSS PDOP	0	160	Predefined Number	SMS Text	
<b>50070</b>	UInt8	1	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>GNSS HDOP</b>
<b>50073</b>	UInt8	0	0	0	-	Low Level	
<b>50072</b>	UInt8	0	0	1000	-	High Level	
<b>50074</b>	UInt8	0	0	1	0 - No 1 - Yes 2 - Crash	Event Only	
<b>50071</b>	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	
<b>50075</b>	UInt16	10	0	65535	-	Average Const	
<b>7007</b>	UInt8	0	0	10	Predefined Number	Send SMS To	
<b>8007</b>	String	GNSS HDOP	0	160	Predefined Number	SMS Text	
<b>50090</b>	UInt8	1	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Speed</b>
<b>50093</b>	UInt8	0	0	0	Km/h	Low Level	
<b>50092</b>	UInt8	0	0	300	Km/h	High Level	
<b>50094</b>	UInt8	0	0	1	0 - No 1 - Yes 2 - Crash	Event Only	
<b>50091</b>	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	
<b>50095</b>	UInt16	1	0	65535	-	Average Const	
<b>7009</b>	UInt8	0	0	10	Predefined Number	Send SMS To	
<b>8009</b>	String	Speed	0	160	Predefined Number	SMS Text	

<b>50100</b>	UInt8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>GSM Cell ID</b>
<b>50103</b>	UInt8	0	0	0	-	Low Level	
<b>50102</b>	UInt8	0	0	999999	-	High Level	
<b>50104</b>	UInt8	0	0	1	0 - No 1 - Yes 2 - Crash	Event Only	
<b>50101</b>	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	
<b>7010</b>	UInt8	0	0	10	Predefined Number	Send SMS To	
<b>8010</b>	String	GSM Cell ID	0	160	Predefined Number	SMS Text	
<b>50110</b>	UInt8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>GSM Area Code</b>
<b>50113</b>	UInt8	0	0	0	-	Low Level	
<b>50112</b>	UInt8	0	0	999999	-	High Level	
<b>50114</b>	UInt8	0	0	1	0 - No 1 - Yes 2 - Crash	Event Only	
<b>50111</b>	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	
<b>7011</b>	UInt8	0	0	10	Predefined Number	Send SMS To	
<b>8011</b>	String	GSM Area Code	0	160	Predefined Number	SMS Text	
<b>50120</b>	UInt8	1	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Battery Voltage</b>
<b>50123</b>	UInt8	0	0	5000/11000 (LiPo/NiMh)	mV	Low Level	
<b>50122</b>	UInt8	0	0	5000/11000 (LiPo/NiMh)	mV	High Level	
<b>50124</b>	UInt8	0	0	1	0 - No 1 - Yes 2 - Crash	Event Only	
<b>50121</b>	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	
<b>50125</b>	UInt16	10	0	65535	-	Average Const	
<b>7012</b>	UInt8	0	0	10	Predefined Number	Send SMS To	
<b>8012</b>	String	Battery Voltage	0	160	Predefined Number	SMS Text	



<b>50140</b>	UInt8	1	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Active GSM Operator</b>
<b>50143</b>	UInt8	0	0	0	-	Low Level	
<b>50142</b>	UInt8	0	0	9999999	-	High Level	
<b>50144</b>	UInt8	0	0	1	0 - No 1 - Yes 2 - Crash	Event Only	
<b>50141</b>	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	
<b>7014</b>	UInt8	0	0	10	Predefined Number	Send SMS To	
<b>8014</b>	String	Active GSM Operator	0	160	Predefined Number	SMS Text	
<b>50250</b>	UInt8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>ICCID</b>
<b>50254</b>	UInt8	0	0	1	0 - No 1 - Yes 2 - Crash	Event Only	
<b>50251</b>	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	
<b>7069</b>	UInt8	0	0	10	Predefined Number	Send SMS To	
<b>8069</b>	String	ICCID Value	0	160	Predefined Number	SMS Text	
<b>51050</b>	UInt8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Instant Movement</b>
<b>51053</b>	UInt8	0	0	0	-	Low Level	
<b>51052</b>	UInt8	0	0	1	-	High Level	
<b>51054</b>	UInt8	0	0	1	0 - No 1 - Yes 2 - Crash	Event Only	
<b>51051</b>	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	
<b>51055</b>	UInt16	10	0	65535	-	Average Const	
<b>7286</b>	UInt8	0	0	10	Predefined Number	Send SMS To	
<b>8286</b>	String	Instant Movement	0	160	Predefined Number	SMS Text	
<b>51730</b>	UInt8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Coordinates ISO6709</b>
<b>51734</b>	UInt8	0	0	1	0 - No 1 - Yes 2 - Crash	Event Only	
<b>51731</b>	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	
<b>7376</b>	UInt8	0	0	10	Predefined Number	Send SMS To	
<b>8376</b>	String	ISO6709 Coordinates	0	160	Predefined Number	SMS Text	

							<b>Movement</b>
<b>50010</b>	UInt8	1	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	
<b>50013</b>	UInt8	0	0	0	-	Low Level	
<b>50012</b>	UInt8	0	0	1	-	High Level	
<b>50014</b>	UInt8	0	0	1	0 - No 1 - Yes 2 - Crash	Event Only	
<b>50011</b>	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	
<b>50015</b>	UInt16	10	0	65535	-	Average Const	
<b>7001</b>	UInt8	0	0	10	Predefined Number	Send SMS To	
<b>8001</b>	String	Movement	0	160	Predefined Number	SMS Text	