

# Template:SAS device Parameter list - System

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## System parameters

### System Settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
138	Uint8	1	0	2	0 - Ignition 1 - Accelerometer 2 - GNSS 3 - CAN speed	Movement Source
133	Uint8	0	0	1	0 - GNSS 1 - CAN	Speed Source
107	Uint8	2	0	2	0 - After Position Fix 1 - Always 2 - After Time Sync	Records Saving/Sending without TS
123	Uint8	0	0	1	0 - Disable 1 - Enable	PDOP filter
124	Uint16	0,7	0	99	-	PDOP filter Threshold
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
111	Uint8	1	0	1	0 - Range 15V 1 - Range 150V	Analog Input Value Range
113	Uint8	1	0	1	0 - Codec 8 1 - Codec 8 Extended	Data Protocol
110	Uint8	0	0	1	0 - On need 1 - After Ignition ON 2 - Always	Battery Charge Mode
114	Uint8	1	0	1	0 - Disable 1 - Enable	Power On By USB/Charger
131	Uint8	10	5	10	5 - Digital Input 3 + Digital Input 4 6 - Digital Output 1 + Digital Input 4 9 - Digital Input 3 + Digital Output 2 10 - Digital Output 1 + Digital Output 2	Input/Output Mode

## Static Navigation Settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
106	Uint8	1	0	1	0 - Disable 1 - Enable	Static navigation
112	Uint8	0	0	1	0 - Movement Source 1 - Ignition Source	Static Navigation Source

## Call Duration Limits

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
3030	Uint16	0 - Disabled	0	65535	Seconds	Other Calls Duration

<b>3031</b>	Uint16	0 - Disabled	0	65535	Seconds	Alarm Button Call Action Duration Limit
<b>3032</b>	Uint16	0 - Disabled	0	65535	Seconds	Power Button Call Action Duration Limit
<b>3033</b>	Uint16	0 - Disabled	0	65535	Seconds	Button 1 Call Action Duration Limit
<b>3034</b>	Uint16	0 - Disabled	0	65535	Seconds	Button 2 Call Action Duration Limit
<b>3035</b>	Uint16	0 - Disabled	0	65535	Seconds	Button 3 Call Action Duration Limit

## Sleep Mode

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
<b>102</b>	Uint8	2	0	4	0 - Disable 1 - GPS sleep 2 - Deep sleep 3 - Online Deep sleep 4 - Ultra sleep	Sleep settings
<b>132</b>	Uint8	2	0	2	0 - Movement only 1 - Alarm button only 2 - Movement + Alarm button	Sleep Exit Source
<b>103</b>	Uint16	1	1	3000	Minutes	Timeout

## Ignition Source

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
<b>104</b>	Uint8	30000	13200	100000	mV	High Voltage
<b>105</b>	Uint8	13200	0	30000	mV	Low Voltage

2 - Accelerometer

3 - DIN1 +  
Accelerometer

4 - Power Voltage

5 - DIN1 + Power  
Voltage6 - Accelerometer +  
Power Voltage7 - DIN1 +  
Accelerometer +  
Power Voltage

32 - DIN3

33 - DIN1 + DIN3

34 - Accelerometer +  
DIN335 - DIN1 +  
Accelerometer +  
DIN336 - Power Voltage +  
DIN337 - DIN1 + Power  
Voltage + DIN338 - Accelerometer +  
Power Voltage +  
DIN339 - DIN1 +  
Accelerometer +  
Power Voltage +  
DIN3

64 - DIN4

65 - DIN1 + DIN4

66 - Accelerometer +  
DIN467 - DIN1 +  
Accelerometer +  
DIN468 - Power Voltage +  
DIN469 - DIN1 + Power  
Voltage + DIN470 - Accelerometer +  
Power voltage +  
DIN471 - DIN1 +  
Accelerometer

96 - DIN3 + DIN4

97 - DIN1 + DIN3 +  
DIN498 - Accelerometer +  
DIN3 + DIN499 - DIN1 +  
Accelerometer +  
DIN3 + DIN4100 - Power Voltage  
+ DIN3 + DIN4101 - DIN1 + Power  
Voltage + DIN3 +  
DIN4102 - Accelerometer  
+ Power Voltage +  
DIN3 + DIN4103 - DIN1 +  
Accelerometer +  
Power Voltage +  
DIN3 + DIN4

## Accelerometer Delay Settings

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
19000	Uint16	2	0	4	0 - Minimal 1 - Reduced 2 - Normal 3 - Increased 4 - Maximum	Accelerometer sensitivity in sleep

## Time Synchronization

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
901	Uint8	3	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

## Accelerometer Auto Calibration

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
169	Uint16	2	0	2	0 - Disabled 1 - Once 2 - Continuous	Accelerometer Auto Calibration
170	Uint16	1	0	1	0 - Disable 1 - Enable	Gravity Filter

## Tracking Mode

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
909	Uint8	0	0	1	0 - Performance 1 - Low Power	Power Saving mode
905	Uint16	1.3	0.1	5	Value	GPS accuracy: HDOP PDOP VDOP
906	Uint16	5	4	255	Value	GPS Satellites Quantity

## Timestamp Backup

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
140	Uint8	0	0	1	0 - Disable 1 - Enable	Timestamp Backup

## Heart Rate Alert

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1800	Uint8	0	1	0	0 - Disable 1 - Enable	Heart Rate Alert Enable
1801	Uint8	-	-	12	Value	Mac Address Symbols
1802	Uint8	600	30	86400	Seconds	Scan Period

<b>3006</b>	Uint8	UTC+0	UTC-12	UTC+14	Time Zone	SMS Event/Xiaomi Mi Band 2 Time Zone
<b>1803</b>	Uint8	50	0	[Value of ID1804]	BPM	Min Heart rate
<b>1804</b>	Uint8	130	[Value of ID1803]	255	BPM	Max Heart rate
<b>1805</b>	Uint8	0	0	10	Number	Call To