

# FTC921 Parameter list

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# Mobile network

## Mobile data settings

### SIM 1 Settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
2001	Char	""	0	32	String	APN
2002	Char	""	0	32	String	APN username
2003	Char	""	0	32	String	APN password
2016	Uint8	1	0	1	0 - PAP 1 - CHAP	GPRS authentication

## Server Settings

### Primary 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	3	0 - TCP 1 - UDP	Protocol

## Server communication settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1000	Uint32	300	30	259200	Seconds	Open link timeout
1001	Uint16	30	5	300	Seconds	Response timeout
1003	Uint16	0	0	300	Seconds	Keep-alive

## 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 Settings
13000	Char	fm.teltonika.lt	0	55	String	Domain
13001	Uint16	5005	0	65535	Number	Port
13001	Uint16	5055	0	65535	Number	Pinger port

## System parameters

### Ignition settings

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

<b>101</b>	Uint8	4	2	7	1 - Digital Input 2 - Power Voltage 3 - Digital Input or Power Voltage 4 - Accelerometer 5 - Digital Input or Accelerometer 6 - Accelerometer or Power Voltage 7 - Digital Input, Accelerometer or Power Voltage	Ignition settings
<b>104</b>	Uint16	30000	0	30000	mV	High voltage
<b>105</b>	Uint16	13200	0	29999	mV	Low voltage

## Movement settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
<b>138</b>	Uint8	2	1	15	1 - Accelerometer 2 - GNSS 3 - Accelerometer or GNSS 4 - Power Voltage 5 - Accelerometer or Power Voltage 6 - GNSS or Power Voltage 7 - Accelerometer, GNSS or Power Voltage 8 - Digital Input 9 - Accelerometer or Digital Input 10 - Digital Input or GNSS 12 - Digital Input or Power Voltage 15 - Accelerometer, GNSS, Power Voltage or Digital Input	Movement source
<b>139</b>	Uint16	30000	0	30000	mV	High voltage
<b>140</b>	Uint16	13200	0	29999	mV	Low voltage

## GNSS settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
<b>121</b>	Uint8	10	1	15	1 - GPS 3 - GPS, GNLONASS 5 - GPS, Galileo 9 - GPS and BeiDou 15 - GPS, Galileo, GLONASS and BeiDou	GNSS source

## Movement Delay

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
11206	Uint16	2	1	60	Seconds	Movement Start Delay
11205	Uint16	60	5	300	Seconds	Movement Stop Delay

## Time synchronization settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
901	Uint8	3	0	24	Hours	NTP resync
902	Char	"pool.ntp.org"	0	55	String	NTP server 1
903	Char	"time.nist.gov"	0	55	String	NTP server 2

## Battery settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
110	Uint8	0	0	1	0 - On need 1 - After ignition ON 2 - Always	Battery charge mode

## LED indication

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
108	Uint8	1	0	1	0 - Disable 1 - Enable	LED Indication

## Tracking settings

### Records settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
107	Uint8	2	0	2	0 - After position fix 1 - Always 2 - After time sync	Saving sending mode
1002	Uint8	0	0	1	0 - Newest 1 - Oldest	Sort by
113	Uint8	1	1	1	1 - Codec 8 Extended	Data Protocol

### Records profile settings

#### On Stop

## Home

Parameter ID	Parameter Type	Default value	Value range		Parameter name
			Min	Max	
10000	Uint16	3600	0	2592000	Min Period
10004	Uint8	1	1	255	Min Saved Records
10005	Uint16	120	0	2592000	Send Period

## Roaming

Parameter ID	Parameter Type	Default value	Value range		Parameter name
			Min	Max	
10100	Uint16	3600	0	2592000	Min Period
10104	Uint8	1	1	255	Min Saved Records
10105	Uint16	0	0	2592000	Send Period

## Moving

### Home

Parameter ID	Parameter Type	Default value	Value range		Parameter name
			Min	Max	
10050	Uint16	300	0	2592000	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	2592000	Send Period

### Roaming

Parameter ID	Parameter Type	Default value	Value range		Parameter name
			Min	Max	
10150	Uint16	300	0	2592000	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	2592000	Send Period

# Features

## Driving behavior

### Overspeeding

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

1025500	Uint8	0	0	2	0 - Disable 1 - Low priority 2 - High priority	Priority
11104	Uint16	90	0	260	km/h	Max speed

## Trip

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1025000	Uint8	0	0	2	0 - Disable 1 - Low priority 2 - High priority	Priority
11803	Uint8	5	0	255	km/h	Start speed
11804	Uint16	60	0	65535	Seconds	Ignition OFF timeout

## Odometer

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1001600	Uint8	0	0	2	0 - Disable 1 - Low priority 2 - High priority	Priority
11807	Uint32	0	0	4294967	Kilometer	Odometer value

## Vehicle protection

### Unplug Detection

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1025200	Uint8	0	0	2	0 - Disable 1 - Low priority 2 - High priority	Priority

## Other features

### Static navigation

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
106	Uint8	0	0	2	0 - Disable 1 - Low priority 2 - High priority	Priority

### Digital output overcurrent recovery

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
350	Uint8	0	0	2	0 - Disable 1 - Low priority 2 - High priority	Priority

# SMS / Call settings

## SMS Security

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
3004	Char	""	0	5	String	Password

## Input / output (I/O)

Parameter ID	Parameter Type	Default value	Value range		Parameter name
			Min	Max	
1023900	UInt8	1	0	2	Ignition <a href="#">Priority</a>
1023903	UInt8	1	0	4	Ignition <a href="#">Operand</a>
1023902	UInt8	0	0	1	Ignition High level
1023901	UInt8	0	0	1	Ignition Low level
1023904	UInt8	0	0	1	Ignition <a href="#">Event only</a>
1024000	UInt8	1	0	2	Movement <a href="#">Priority</a>
1024003	UInt8	2	0	4	Movement <a href="#">Operand</a>
1024002	UInt8	0	0	1	Movement High level
1024001	UInt8	0	0	1	Movement Low level
1024004	UInt8	0	0	1	Movement <a href="#">Event only</a>
1030300	UInt8	0	0	2	Instant movement <a href="#">Priority</a>
1030303	UInt8	2	0	4	Instant movement <a href="#">Operand</a>
1030302	UInt8	0	0	1	Instant movement High level
1030301	UInt8	0	0	1	Instant movement Low level
1030304	UInt8	0	0	1	Instant movement <a href="#">Event only</a>
1002100	UInt8	1	0	2	GSM Signal <a href="#">Priority</a>
1002103	UInt8	0	0	6	GSM Signal <a href="#">Operand</a>
1002102	UInt8	0	0	1	GSM Signal High level
1002101	UInt8	0	0	1	GSM Signal Low level
1002104	UInt8	0	0	1	GSM Signal <a href="#">Event only</a>
1080000	UInt8	1	0	2	External Voltage <a href="#">Priority</a>
1080003	UInt8	0	0	6	External Voltage <a href="#">Operand</a>
1080002	UInt8	0	0	1	External Voltage High level
1080001	UInt8	0	0	1	External Voltage Low level
1080004	UInt8	0	0	1	External Voltage <a href="#">Event only</a>
1020600	UInt8	0	0	2	GSM area code <a href="#">Priority</a>
1020603	UInt8	0	0	6	GSM area code <a href="#">Operand</a>
1020602	UInt8	0	0	1	GSM area code High level
1020601	UInt8	0	0	1	GSM area code Low level
1020604	UInt8	0	0	1	GSM area code <a href="#">Event only</a>
1006700	UInt8	1	0	2	Battery voltage <a href="#">Priority</a>
1006703	UInt8	0	0	6	Battery voltage <a href="#">Operand</a>
1006702	UInt8	0	0	1	Battery voltage High level
1006701	UInt8	0	0	1	Battery voltage Low level
1006704	UInt8	0	0	1	Battery voltage <a href="#">Event only</a>
1006800	UInt8	1	0	2	Battery current <a href="#">Priority</a>
1006803	UInt8	0	0	6	Battery current <a href="#">Operand</a>
1006802	UInt8	0	0	1	Battery current High level
1006801	UInt8	0	0	1	Battery current Low level
1006804	UInt8	0	0	1	Battery current <a href="#">Event only</a>
1019900	UInt8	0	0	2	Trip odometer <a href="#">Priority</a>
1019903	UInt8	0	0	6	Trip odometer <a href="#">Operand</a>

<b>1019902</b>	Uint8	0	0	1	Trip odometer High level
<b>1019901</b>	Uint8	0	0	1	Trip odometer Low level
<b>1019904</b>	Uint8	0	0	1	Trip odometer <a href="#">Event only</a>
<b>1001600</b>	Uint8	1	0	2	Total Odometer <a href="#">Priority</a>
<b>1001603</b>	Uint8	0	0	6	Total Odometer <a href="#">Operand</a>
<b>1001602</b>	Uint8	0	0	1	Total Odometer High level
<b>1001601</b>	Uint8	0	0	1	Total Odometer Low level
<b>1001604</b>	Uint8	0	0	1	Total Odometer <a href="#">Event only</a>
<b>1000100</b>	Uint8	0	0	2	Digital Input 1 <a href="#">Priority</a>
<b>1000103</b>	Uint8	0	0	6	Digital Input 1 <a href="#">Operand</a>
<b>1000102</b>	Uint8	0	0	1	Digital Input 1 High level
<b>1000101</b>	Uint8	0	0	1	Digital Input 1 Low level
<b>1000104</b>	Uint8	0	0	1	Digital Input 1 <a href="#">Event only</a>
<b>1000900</b>	Uint8	0	0	2	Analog Input 1 <a href="#">Priority</a>
<b>1000903</b>	Uint8	0	0	6	Analog Input 1 <a href="#">Operand</a>
<b>1000902</b>	Uint8	0	0	1	Analog Input 1 High level
<b>1000901</b>	Uint8	0	0	1	Analog Input 1 Low level
<b>1000904</b>	Uint8	0	0	1	Analog Input 1 <a href="#">Event only</a>
<b>1017900</b>	Uint8	0	0	2	Digital Output 1 <a href="#">Priority</a>
<b>1017903</b>	Uint8	0	0	6	Digital Output 1 <a href="#">Operand</a>
<b>1017902</b>	Uint8	0	0	1	Digital Output 1 High level
<b>1017901</b>	Uint8	0	0	1	Digital Output 1 Low level
<b>1017904</b>	Uint8	0	0	1	Digital Output 1 <a href="#">Event only</a>
<b>1084100</b>	Uint8	1	0	2	Digital Output 1 overcurrent <a href="#">Priority</a>
<b>1084103</b>	Uint8	0	0	6	Digital Output 1 overcurrent <a href="#">Operand</a>
<b>1084102</b>	Uint8	0	0	1	Digital Output 1 overcurrent High level
<b>1084101</b>	Uint8	0	0	1	Digital Output 1 overcurrent 1 Low level
<b>1084104</b>	Uint8	0	0	1	Digital Output 1 overcurrent <a href="#">Event only</a>
<b>1064100</b>	Uint8	0	0	2	ICCID <a href="#">Priority</a>
<b>1064103</b>	Uint8	0	0	6	ICCID <a href="#">Operand</a>
<b>1064102</b>	Uint8	0	0	1	ICCID overcurrent High level
<b>1064101</b>	Uint8	0	0	1	ICCID overcurrent 1 Low level
<b>1064104</b>	Uint8	0	0	1	ICCID <a href="#">Event only</a>