

FTC921 Parameter list

[Main Page](#) > [Basic Trackers](#) > [FTC921](#) > [FTC921 Manual](#) > **FTC921 Parameter list**



Contents

- [1 Mobile network](#)
 - [1.1 Mobile data settings](#)
 - [1.1.1 SIM 1 Settings](#)
 - [1.2 Server Settings](#)
 - [1.2.1 Primary server settings](#)
 - [1.3 Server communication settings](#)
 - [1.4 FOTA WEB settings](#)
- [2 System parameters](#)
 - [2.1 Ignition settings](#)
 - [2.2 Movement settings](#)
 - [2.3 GNSS settings](#)
 - [2.4 Movement Delay](#)
 - [2.5 Time synchronization settings](#)
 - [2.6 Battery settings](#)
 - [2.7 LED indication](#)
- [3 Tracking settings](#)
 - [3.1 Records settings](#)
 - [3.2 Records profile settings](#)
 - [3.2.1 On Stop](#)
 - [3.2.1.1 Home](#)
 - [3.2.1.2 Roaming](#)
 - [3.2.2 Moving](#)
 - [3.2.2.1 Home](#)
 - [3.2.2.2 Roaming](#)
- [4 Features](#)
 - [4.1 Driving behavior](#)
 - [4.1.1 Overspeeding](#)
 - [4.1.2 Trip](#)
 - [4.1.3 Odometer](#)
 - [4.2 Vehicle protection](#)
 - [4.2.1 Unplug Detection](#)
 - [4.3 Other features](#)
 - [4.3.1 Static navigation](#)
 - [4.3.2 Digital output overcurrent recovery](#)
- [5 SMS / Call settings](#)
 - [5.1 SMS Security](#)
- [6 Input / output \(I/O\)](#)

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		

101	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
104	Uint16	30000	0	30000	mV	High voltage
105	Uint16	13200	0	29999	mV	Low voltage

Movement settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
138	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
139	Uint16	30000	0	30000	mV	High voltage
140	Uint16	13200	0	29999	mV	Low voltage

GNSS settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
121	Uint8	10	1	15	1 - GPS 3 - GPS, GNGLONASS 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 Priority
1023903	UInt8	1	0	4	Ignition Operand
1023902	UInt8	0	0	1	Ignition High level
1023901	UInt8	0	0	1	Ignition Low level
1023904	UInt8	0	0	1	Ignition Event only
1024000	UInt8	1	0	2	Movement Priority
1024003	UInt8	2	0	4	Movement Operand
1024002	UInt8	0	0	1	Movement High level
1024001	UInt8	0	0	1	Movement Low level
1024004	UInt8	0	0	1	Movement Event only
1030300	UInt8	0	0	2	Instant movement Priority
1030303	UInt8	2	0	4	Instant movement Operand
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 Event only
1002100	UInt8	1	0	2	GSM Signal Priority
1002103	UInt8	0	0	6	GSM Signal Operand
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 Event only
1080000	UInt8	1	0	2	External Voltage Priority
1080003	UInt8	0	0	6	External Voltage Operand
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 Event only
1020600	UInt8	0	0	2	GSM area code Priority
1020603	UInt8	0	0	6	GSM area code Operand
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 Event only
1006700	UInt8	1	0	2	Battery voltage Priority
1006703	UInt8	0	0	6	Battery voltage Operand
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 Event only
1006800	UInt8	1	0	2	Battery current Priority
1006803	UInt8	0	0	6	Battery current Operand
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 Event only
1019900	UInt8	0	0	2	Trip odometer Priority
1019903	UInt8	0	0	6	Trip odometer Operand

1019902	UInt8	0	0	1	Trip odometer High level
1019901	UInt8	0	0	1	Trip odometer Low level
1019904	UInt8	0	0	1	Trip odometer Event only
1001600	UInt8	1	0	2	Total Odometer Priority
1001603	UInt8	0	0	6	Total Odometer Operand
1001602	UInt8	0	0	1	Total Odometer High level
1001601	UInt8	0	0	1	Total Odometer Low level
1001604	UInt8	0	0	1	Total Odometer Event only
1000100	UInt8	0	0	2	Digital Input 1 Priority
1000103	UInt8	0	0	6	Digital Input 1 Operand
1000102	UInt8	0	0	1	Digital Input 1 High level
1000101	UInt8	0	0	1	Digital Input 1 Low level
1000104	UInt8	0	0	1	Digital Input 1 Event only
1000900	UInt8	0	0	2	Analog Input 1 Priority
1000903	UInt8	0	0	6	Analog Input 1 Operand
1000902	UInt8	0	0	1	Analog Input 1 High level
1000901	UInt8	0	0	1	Analog Input 1 Low level
1000904	UInt8	0	0	1	Analog Input 1 Event only
1017900	UInt8	0	0	2	Digital Output 1 Priority
1017903	UInt8	0	0	6	Digital Output 1 Operand
1017902	UInt8	0	0	1	Digital Output 1 High level
1017901	UInt8	0	0	1	Digital Output 1 Low level
1017904	UInt8	0	0	1	Digital Output 1 Event only
1084100	UInt8	1	0	2	Digital Output 1 overcurrent Priority
1084103	UInt8	0	0	6	Digital Output 1 overcurrent Operand
1084102	UInt8	0	0	1	Digital Output 1 overcurrent High level
1084101	UInt8	0	0	1	Digital Output 1 overcurrent 1 Low level
1084104	UInt8	0	0	1	Digital Output 1 overcurrent Event only
1064100	UInt8	0	0	2	ICCID Priority
1064103	UInt8	0	0	6	ICCID Operand
1064102	UInt8	0	0	1	ICCID overcurrent High level
1064101	UInt8	0	0	1	ICCID overcurrent 1 Low level
1064104	UInt8	0	0	1	ICCID Event only