Template:Teltonika FTXXX1 Data Sending Parameters ID

FTC AVL ID's consist of these **parameters groups**:

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Contents

Permanent I/O elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range		Multiplier	Units	Description	HW Support	Parameter Group
				Min	Max					
239	Ignition	1	Unsigned	0	1	-	-	0 – Ignition Off 1 – Ignition On	FTXXXX FTC921 FTC961 FTC881	Permanent I/O Elements
240	Movement	1	Unsigned	0	1	-	-	0 – Movement Off 1 – Movement On	FTXXXX FTC921 FTC961 FTC881	Permanent I/O elements
80	Data Mode	1	Unsigned	0	5	-	-	0 – Home On Stop 1 – Home On Moving 2 – Roaming On Stop 3 – Roaming On Moving 4 – Unknown On Stop 5 – Unknown On Moving	FTXXXX FTC921 FTC961 FTC881	Permanent I/O Elements
21	GSM Signal	1	Unsigned	0	5	-	-	Value in range 1-5	FTXXXX FTC921 FTC961 FTC881	Permanent I/O Elements

200	Sleep Mode	1	Unsigned	0	4	-	-	0 - No Sleep 1 – GPS Sleep 2 – Deep Sleep 3 – Online Sleep 4 - Ultra Sleep	FTXXXX FTC921 FTC961 FTC881	Permanent I/O Elements
69	GNSS Status	1	Unsigned	0	3	-	-	0 - GNSS OFF 1 – GNSS ON with fix 2 - GNSS ON without fix 3 - GNSS sleep	FTXXXX FTC921 FTC961 FTC881	Permanent I/O Elements
181	GNSS PDOP	2	Unsigned	0	500	0.1		Coefficient, calculation formula	FTXXXX FTC921 FTC961 FTC881	Permanent I/O Elements
182	GNSS HDOP	2	Unsigned	0	500	0.1		Coefficient, calculation formula	FTXXXX FTC921 FTC961 FTC881	Permanent I/O Elements
800	External Voltage	4	Unsigned	0	150000	0.001	V	Voltage	FTXXXX FTC921 FTC961 FTC881	Permanent I/O elements
24	Speed	2	Unsigned	0	350	-	km/h	GNSS Speed	FTXXXX FTC921 FTC961 FTC881	Permanent I/O elements
205	GSM Cell ID	2	Unsigned	0	65535	-	-	GSM base station ID	FTXXXX FTC921 FTC961 FTC881	Permanent I/O elements
206	GSM Area Code	2	Unsigned	0	65535	-	-	Location Area code (LAC), it depends on GSM operator. It provides unique number which assigned to a set of base GSM stations.	FTXXXX FTC921 FTC961 FTC881	Permanent I/O elements
67	Battery Voltage	2	Unsigned	0	65535	0.001	V	Voltage	FTXXXX FTC921 FTC961 FTC881	Permanent I/O elements

68	Battery Current	2	Unsigned	0	65535	0.001	A	Current	FTXXXX FTC921 FTC961 FTC881	Permanent I/O elements
241	Active GSM Operator	4	Unsigned	0	429496795	-	-	Currently used GSM Operator code	FTXXXX FTC921 FTC961 FTC881	Permanent I/O elements
199	Trip Odometer	4	Unsigned	0	214748347	-	m	Trip Odometer value	FTXXXX FTC921 FTC961 FTC881	Permanent I/O elements
16	Total Odometer	4	Unsigned	0	214748347	-	-	Total Odometer value in meters	FTXXXX FTC921 FTC961 FTC881	Permanent I/O elements
1	Digital Input 1	1	Unsigned	0	1	-	-	Logic: 0/1	FTXXXX FTC921 FTC961 FTC881	Permanent I/O elements
9	Analog Input 1	2	Unsigned	0	65535	0.001	V	Voltage	FTXXXX FTC921 FTC961 FTC881	Permanent I/O elements
179	Digital Output 1	1	Unsigned	0	1	-	-	Logic: 0/1	FTXXXX FTC921 FTC961 FTC881	Permanent I/O elements
237	Network Type	1	Unsigned	0	1	-	-	0 - 3G 1 - GSM 2 - 4G 3 - LTE CAT M1 4 - LTE CAT NB1 99 - Unknown	FTXXXX FTC921 FTC961 FTC881	Permanent I/O elements
249	Jamming detection	1	Unsigned	0	1	-	-	Logic: 0/1	FTXXXX FTC921 FTC961 FTC881	Eventual I/O elements

252	Unplug	1	Unsigned	0	1	-	-	0 – battery present 1 – battery unplugged	FTXXXX FTC921 FTC961 FTC881	Permanent I/O elements
303	Instant Movement	1	Unsigned	0	1	-	-	Logic: 0/1 returns movement value	FTXXXX FTC921 FTC961 FTC881	Permanent I/O elements
641	ICCID	22	ASCII	0	22	-	-	Value of SIM ICCID	FTXXXX FTC921 FTC961 FTC881	Permanent I/O elements

Eventual I/O elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range		Multiplier	Units	Description	HW Support	Parameter Group
				Min	Max					
250	Trip	1	Unsigned	0	1	-	-	0 – trip stop 1 – trip start From 01.00.24 fw version available with BT app new values: 2 – Business Status 3 – Private Status 4-9 – Custom Statuses	FTXXXX FTC921 FTC961 FTC881	Eventual I/O elements
255	Over Speeding	1	Unsigned	0	255	-	km/h	At over speeding start km/h, at over speeding end km/h	FTXXXX FTC921 FTC961 FTC881	Eventual I/O elements
257	Crash trace data	Variable	HEX	0	1200	-	-	Crash trace data	FTXXXX [Expand] FTC921 FTC961 FTC881	
251	Idling	1	Unsigned	0	1	-	-	0 – moving 1 – idling	FTXXXX [Expand] FTC921 FTC961 FTC881	Eventual I/O elements
253	Green driving type	1	Unsigned	1	3	-	-	1 – harsh acceleration 2 – harsh braking 3 – harsh cornering	FTC921 FTC961 FTC881	Eventual I/O elements
254	Green Driving Value	1	Unsigned	0	255	acc and braking: 0.01	G or rad	Depending on green driving type: if harsh acceleration or braking – g*100 (value 123 -> 1.23g). If Green driving source is „GPS“ – harsh cornering value is rad/s*100. If source is „Accelerometer“ – g*100.	FTXXXX [Expand] FTC921 FTC961 FTC881	Eventual I/O elements