

FMB910 Basic Teltonika Data Sending Parameters ID

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

□

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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	Devices: [Expand] FMB001 EMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU125 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 EMP100 MSP500 EMC800 FMM80 0 FMM80A	Permanent I/O elements

21	GSM Signal	1	Unsigned	0	5	-	-	Value in range 1-5	Devices: [Expand] FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150	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	Devices: [Expand] FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150	Permanent I/O elements

69	GNSS Status	1	Unsigned	0	3	-	-	<ul style="list-style-type: none"> 0 - GNSS OFF 1 - GNSS ON with fix 2 - GNSS ON without fix 3 - GNSS sleep 	Devices: [Expand] FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Permanent I/O elements
181	GNSS PDOP	2	Unsigned	0	500	0.1	m	Meters, calculation formula	Devices: [Expand] FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Permanent I/O elements

182	GNSS HDOP	2	Unsigned	0	500	0.1	m	Meters, calculation formula	Devices: [Expand] FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU12 5 5 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O elements
66	External Voltage	2	Unsigned	0	65535	0.001	V	Voltage	Devices: [Expand] FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU12 5 5 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 0 FMM80 A	Permanent I/O elements

24 Speed 2 Unsigned 0 350 - km/h Value

Devices:
[Expand
]
[FMB001](#)
[FMC001](#)
[FMB010](#)
[FMB002](#)
[FMB020](#)
[FMB003](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMU12](#)
[5](#)
[FMB140](#)
[FMB150](#)
[FMC150](#)
[FMM15](#)

Permanent I/O elements

[0](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMT100](#)
[MTB100](#)
[FMP100](#)
[MSP500](#)
[FMC800](#)
[FMM80](#)
[0](#)
[FMM80](#)
[A](#)

205 GSM Cell ID 2 Unsigned 0 65535 - - GSM base station ID

Devices:
[Expand
]
[FMB001](#)
[FMC001](#)
[FMB010](#)
[FMB002](#)
[FMB020](#)
[FMB003](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMU12](#)
[5](#)
[FMB140](#)
[FMB150](#)
[FMC150](#)
[FMM15](#)

Permanent I/O elements

[0](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMT100](#)
[MTB100](#)
[FMP100](#)
[MSP500](#)
[FMC800](#)
[FMM80](#)
[0](#)
[FMM80](#)
[A](#)

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.	Devices: [Expand] FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Permanent I/O elements
67	Battery Voltage	2	Unsigned	0	65535	0.001	V	Voltage	Devices: [Expand] FMB001 FMC001 FMB010 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM150 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 FMM80A	Permanent I/O elements

68 Battery Current 2 Unsigned 0 65535 0.001 A Current

Devices:
[\[Expand\]](#)
[FMB001](#)
[FMC001](#)
[FMB010](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMU12](#)
[5](#)
[FMC125](#)
[FMM12](#)
[5](#)
[FMB130](#)
[FMU13](#)

Permanent I/O elements

[0](#)
[FMC130](#)
[FMM13](#)
[0](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMT100](#)
[MTB100](#)
[FMB140](#)
[FMC800](#)
[FMM80](#)
[0](#)
[FMM80](#)
[A](#)

241 Active GSM Operator 4 Unsigned 0 42949 67295 - - Currently used GSM Operator code

Devices:
[\[Expand\]](#)
[FMB001](#)
[FMB010](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMU12](#)
[5](#)
[FMB130](#)
[FMB140](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMT100](#)
[MTB100](#)

Permanent I/O elements

199	Trip Odometer	4	Unsigned	0	2147483647	-	m	Trip Odometer value	Devices: [Expand] FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A Devices: [Expand] FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Permanent I/O elements
16	Total Odometer	4	Unsigned	0	2147483647	-	-	Total Odometer value in meters	Devices: [Expand] FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Permanent I/O elements

1	Digital Input 1	1	Unsigned	0	1	-	-	Logic: 0/1	Devices: [Expand] FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100	Permanent I/O elements
9	Analog Input 1	2	Unsigned	0	65535	0.001	mV	Voltage	Devices: [Expand] FMB001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100	Permanent I/O elements

179	Digital Output 1	1	Unsigned	0	1	-	-	Logic: 0/1	Devices: [Expand] FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100	Permanent I/O elements
17	Axis X	2	Signed	-8000	8000	-	mG	X axis value	Devices: [Expand] FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM800 FMM800 FMM800	Permanent I/O elements

Devices:
[Expand
]
[FMB001](#)
[FMC001](#)
[FMB010](#)
[FMB002](#)
[FMB020](#)
[FMB003](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMU12](#)
5
[FMB140](#)
[FMB150](#)
[FMC150](#)
[FMM15](#)

Permanent I/O
elements

18 Axis Y 2 Signed -8000 8000 - mG Y axis value

0
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMT100](#)
[MTB100](#)
[FMP100](#)
[MSP500](#)
[FMC800](#)
[FMM80](#)
0
[FMM80](#)
A

Devices:
[Expand
]
[FMB001](#)
[FMC001](#)
[FMB010](#)
[FMB002](#)
[FMB020](#)
[FMB003](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMU12](#)
5
[FMB140](#)
[FMB150](#)
[FMC150](#)
[FMM15](#)

Permanent I/O
elements

19 Axis Z 2 Signed -8000 8000 - mG Z axis value

0
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMT100](#)
[MTB100](#)
[FMP100](#)
[MSP500](#)
[FMC800](#)
[FMM80](#)
0
[FMM80](#)
A

11	ICCID1	8	Unsigned	0	0xffffffff	-	-	Value of SIM ICCID, MSB	Devices: [Expand] FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU12 5 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O elements
10	SD Status	1	Unsigned	0	1	-	-	0 - not present 1 - present	Devices: [Expand] FMB001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU12 5 FMC125 FMB130 FMU13 0 FMC130 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100	Permanent I/O elements

15	Eco Score	2	Unsigned	0	65535	0.01	-	Average amount of events on some distance	Devices: [Expand] FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU12 5 FMC125 FMM12 5 FMB130 FMU13 0 FMC130 FMM13 0 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM80 0 FMM80 A	Permanent I/O elements
113	Battery Level	1	Unsigned	0	100	-	%	Battery capacity level	Devices: [Expand] FMB001 FMC001 FMB010 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM80 0 FMM80 A	Permanent I/O elements

ID	Name	Length	Unit	Min	Max	Sign	Scale	Notes	Devices	Category
303	Instant Movement	1	Unsigned	0	1	-	-	Logic: 0/1 returns movement value	FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU12 5 FMC125 FMM12 5 FMB130 FMU13 0 FMC130 FMM13 0 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100	Permanent I/O elements
387	ISO6709 Coordinates	34	HEX	0	0x7ffffffffff	-	-	ISO6709 Coordinates Latitude, Longitude (in Degrees, Minutes and Seconds) and Altitude: IO value format: ±DDMMSS.SSSS±DDMMSS.SSSS±AAA.AAA/	FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU12 5 FMC125 FMB130 FMU13 0 FMC130 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O elements

636 UMTS/LTE Cell ID 4 Unsigned 0 0xFFFF FFFF - -

Devices:
[FMU12](#)
[5](#)
[FMU12](#)
[6](#)
[FMU13](#)
[0](#)
[FMC001](#)
[FMC125](#)
[FMC130](#)
[FMM00](#)
[1](#) Permanent I/O
[FMM12](#) elements
[5](#)
[FMM13](#)
[0](#)
[FMC150](#)
[FMM15](#)
[0](#)
[FMC800](#)
[FMM80](#)
[0](#)
[FMM80](#)
[A](#)

Eventual I/O elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range Min Max	Multiplier	Units	Description	HW Support	Parameter Group
175	Auto Geofence	1	Unsigned	0 1	-	-	0 - target left zone 1 - target entered zone	Devices: [Expand] FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMB100 MSP500 FMC800 FMM800 FMM80A	Eventual I/O elements
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	Devices: [Expand] FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM150 FMM125 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMB100 MSE500 FMC800 FMM800 FMM80A	Eventual I/O elements

ID	Event Name	Count	Signature	Start	End	Unit	Description	Devices	Category
255	Over Speeding	1	Unsigned	0	255	km/h	At over speeding start km/h, at over speeding end km/h	Devices: [Expand] FMB001 FMB010 FMB110 FMB120 FMB122 FMB125 FMB125 FMB125 FMB125 FMB130 FMB130 FMB130 FMM130 FMM130 FMB140 FMB150 FMB150 FMB150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100	Eventual I/O elements
253	Green driving type	1	Unsigned	1	3	-	1 - harsh acceleration 2 - harsh braking 3 - harsh cornering	Devices: [Expand] FMB001 FMB010 FMB110 FMB120 FMB122 FMB125 FMB125 FMB125 FMB125 FMB130 FMB130 FMB130 FMC130 FMC130 FMM130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 FMM80A	Eventual I/O elements
246	Towing	1	Unsigned	0	1	-	0 - steady 1 - towing	Devices: [Expand] FMB001 FMB010 FMB110 FMB120 FMB122 FMB125 FMB125 FMB125 FMB125 FMB130 FMB130 FMB130 FMC130 FMC130 FMM130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 FMM80A	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.	Devices: [Expand] FMB001 FMB010 FMB110 FMB120 FMB122 FMB125 FMB125 FMB125 FMB125 FMB130 FMB130 FMB130 FMC130 FMC130 FMM130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 FMM80A	Eventual I/O elements

