03.29.00.Rev.18 Release Notes

Date: 2024-05-13

Release Content

This document provides the Release Notes for **03.29.00.Rev.18** firmware version. The current release includes the firmware and software package.

Package	Version	Release date
Firmware	FMB.Ver.03.29.00.Rev.18	2023-05-13
Software	Teltonika.Configurator_1.7.72_B.3.29_R.11	2023-12-13

Key Details

Items to review before updating your devices.

Item	Description
1	Firmware recommended for specific models and their modifications: • Fast & Easy Trackers: **FMT100** • Basic Trackers: **FMB900, FMB910, FMB920, FMC920 (EG915U-EU, EG915U-LA), FMM920** • Advanced Trackers: **FMB110, FMB120, FMB122, FMB130, FMC130 (SLM320-LA, SLM320-E2, EC21-EC, EC21-AU), FMC13A, FMM130 (BG95-M3, BG96), FMM13A, FMB202, FMB204, FMB206, FMB230, FMC230 (SLM320-LA, SLM320-E2), FMM230** • CAN Trackers: **FMB140, FMB240** • Professional Trackers: **FMB125, FMC125 (SLM320-LA, SLM320-E2, EC21-EC), FMM125 (BG95-M3), FMB225, FMC225 (SLM320-LA, SLM320-E2)**

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2	Firmware has downgrade protection for: **FMC920, FMM920, FMC130 with MeiG SLM320, FMC125 with MeiG SLM320, FMC225, FMC13A, FMM13A.** • **FMC130 with MeiG SLM320, FMC125 with MeiG SLM320** and **FMC225** devices with **03.29.00.Rev.18** version cannot be downgraded to any evaluation or base versions released before **03.28.06.Rev.00**! • **FMC920, FMM920, FMC13A** and **FMM13A** devices with **03.29.00.Rev.18** version cannot be downgraded to any evaluation or base versions released before **03.29.00.Rev.00**!
Recommended firmware list for other devices models and their modifications can be found in: https://wiki.teltonika-gps.com/view/Firmware_versions	

QUALITY SYSTEM CERTIFICATION
DNV
ISO 9001

SAFETY SYSTEM CERTIFICATION
DNV
ISO 45001

ENVIRONMENTAL SYSTEM CERTIFICATION
DNV
ISO 14001

INFORMATION SECURITY MANAGEMENT SYSTEM
DNV
ISO/IEC 27001

03.29.00.Rev.18 Change List

Item	Changes	Change Type
1	Improved reconnection to new operator time if GPRS was unavailable with initial operator	Stability
2	Fixed pro-longed reconnection to new operator due to record tasks interrupting operator search	Stability
3	Fixed network session closing when current operator is added to blacklist	Stability
4	Improved module initialization time for devices with Quectel modems	Stability
5	Fixed Digital Output state restore after firmware update	Stability
6	RS232 interface stability improvements	Stability
7	GNSS status element state improvements	Stability
8	Time synchronization improvements	Stability
9	Manufacture testing improvements	Stability

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03.29.00.Rev.14 Change List

Item	Changes	Change Type
1	Manufacture testing improvements	**Stability**

TELTONIKA TELEMATICS UAB
Saltoniskiu st. 9B-1, LT-08105
Vilnius, Lithuania

Registration code 305578349
VAT number LT100013240611

Swedbank AB
LT71 7300 0101 6274 0043
S.W.I.F.T. HABALT22
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4

03.29.00.Rev.13 Change List

Item	Changes	Change Type
1	TELTONIKA EYE Beacon and EYE Sensor easy configuration functionalities added	New feature
2	TELTONIKA EYE Beacon Lost & Found and Proximity Event functionalities added	New feature
3	SECO functionality added	New feature
4	Back-Up Tracker functionality added	New feature
5	GNSS jamming functionality added	New feature
6	Low Power Mode functionality added	New feature
7	MQTT support for AWS IoT Shadow/Custom and Azure IoT added	New feature
8	RS485 Buffered functionality added	New feature
9	RS232 Delimiter mode functionality added	New feature
10	1-Wire interface control in sleep modes functionality added	New feature
11	BT/BLE interface control in sleep modes functionality added	New feature
12	NBL-2 Bluetooth RFID reader support added	New feature
13	SMS/GPRS command "lvcanhorn" support added	New feature
14	Added support for FMC13A and FMM13A	New feature
15	Added support for FMC00A and FMM00A	New feature
16	Added support for FMC920 and FMM920	New feature
17	Added support for FMC003 and FMM003	New feature
18	Added support for small OBD devices FMB003 and FMB020	New feature
19	Added support for FMC1XY/FMC2XY devices with MeiG modems	New feature
20	SMS/GPRS command "setigndigout" added	New feature
21	Jamming feature support added for FMC1XY/FMC2XY devices with MeiG modems	New feature
22	Support of new electric vehicle OEM parameters for FMX00X devices	New feature
23	CAN service and LPG I/O elements added	New feature
24	New I/O elements for each CAN adapter state flag added	New feature
25	New I/O Digital Input 2 for FMX920, FMB910 and FMB900 devices.	New feature

26	Reworked recalibration logic	Rework
27	Default parameter values	Rework
28	SMS Event logic reworked	Rework
29	LLS address count expanded to 16	Rework
30	Black list functionality reworked	Rework
31	SMS/GPRS command "cpureset" protection functionality	Rework
32	Pulse Counter reworked	Rework
33	1-Wire Temperature sensor stability improvements	Stability
34	Operator search procedure functionality improvements	Stability
35	Record saving and sending improvements	Stability
36	DOUT state saving improvements	Stability
37	GPRS Session and PDP Context Activation logic improvements	Stability
38	Trip state saving improvements	Stability
39	CAN data reading improvements	Stability
40	BLE data reading stability improvements	Stability
41	TimeSync, SMS handling and connection stability improvements for FMC1XY/FMC2XY devices with MeiG modems	Stability
42	AutoAPN multiple block file improvement for larger database capacity	Stability
43	Manufacture testing improvements	Stability
44	Improved system stability and fixed general bugs	Stability

Information on older firmware version changes can be found in:
• For FMT100 devices: https://wiki.teltonika-gps.com/view/FMT100_firmware_errata
• For FMB900 devices: https://wiki.teltonika-gps.com/view/FMB900_firmware_errata
• For FMB910 devices: https://wiki.teltonika-gps.com/view/FMB910_firmware_errata
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• For FMM920 devices: https://wiki.teltonika-gps.com/view/FMM920_firmware_errata
• For FMB110 devices: https://wiki.teltonika-gps.com/view/FMB110_firmware_errata
• For FMB120 devices: https://wiki.teltonika-gps.com/view/FMB120_firmware_errata
• For FMB122 devices: https://wiki.teltonika-gps.com/view/FMB122_firmware_errata
• For FMB130 devices: https://wiki.teltonika-gps.com/view/FMB130_firmware_errata
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• For FMC13A devices: https://wiki.teltonika-gps.com/view/FMC13A_firmware_errata
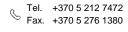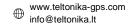• For FMM130 devices: https://wiki.teltonika-gps.com/view/FMM130_firmware_errata

• For FMM13A devices: https://wiki.teltonika-gps.com/view/FMM13A_firmware_errata
• For FMB202 devices: https://wiki.teltonika-gps.com/view/FMB202_firmware_errata
• For FMB204 devices: https://wiki.teltonika-gps.com/view/FMB204_firmware_errata
• For FMB206 devices: https://wiki.teltonika-gps.com/view/FMB206_firmware_errata
• For FMB230 devices: https://wiki.teltonika-gps.com/view/FMB230_firmware_errata
• For FMC230 devices: https://wiki.teltonika-gps.com/view/FMBC230_firmware_errata
• For FMM230 devices: https://wiki.teltonika-gps.com/view/FMM230_firmware_errata
• For FMB140 devices: https://wiki.teltonika-gps.com/view/FMB140_firmware_errata
• For FMB240 devices: https://wiki.teltonika-gps.com/view/FMB240_firmware_errata
• For FMB125 devices: https://wiki.teltonika-gps.com/view/FMB125_firmware_errata
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• For FMM125 devices: https://wiki.teltonika-gps.com/view/FMM125_firmware_errata
• For FMB225 devices: https://wiki.teltonika-gps.com/view/FMB125_firmware_errata
• For FMC225 devices: https://wiki.teltonika-gps.com/view/FMC125_firmware_errata

For any additional questions on firmware updates and changes, please make sure to contact your Teltonika sales representative or create a consultation ticket for Teltonika support via Helpdesk system.

TELTONIKA TELEMATICS UAB
Saltoniskiu st. 9B-1, LT-08105
Vilnius, Lithuania

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Swedbank AB
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7