

FMT100 Product Change Notifications

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Product change notifications (PCN) is the way of informing customers of upcoming changes related to Teltonika products. This includes outward appearance adjustments, hardware improvements, firmware changes, changes to package contents, etc. This page stores information regarding changes to the FMT100 tracking device. Below you will find a list of both upcoming and already implemented changes sorted from newest to oldest (top to bottom).



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2023.10.25: GNSS antenna changes

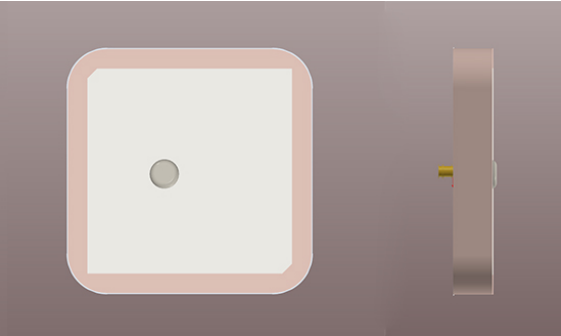
We would like to inform you about the GNSS antenna change for FMT100 starting from October 2023.

Change description
Change type

Mechanical part changes
Old version:



New version:



Detailed description

Antenna size: 35x35x3 mm
Center frequency: 1575.42 MHz, 1602 MHz
VSWR: <1.8
Average gain: -1.3 dB
Return loss: < -14 dB

Antenna size: 25x25x4 mm
Center frequency: 1575.42 MHz, 1602 MHz
VSWR: <1.2
Average Gain: -1.2 dB
Return loss < -29 dB

Change reasons
Product release date

Standardization of GNSS antennas throughout device portfolio and manufacturing efficiency improvements
October 2023

Affected products

Model
FMT100

Affected order codes
FMT100***** order codes

Order code changes
No changes

Change impact

Since the change of the GNSS antenna is visible visually on PCB, in order to avoid problems at the customs of certain countries, we suggest informing the relevant authorities about the change of the GNSS antenna as soon as possible. The new GNSS antenna provides an equivalent track quality and performance level, as verified through testing. Testing results:

	Device	Antenna Mounting conditions*	Avg. Difference from precise track** [m]
Risk assessment	FMT100_162	New	Excellent
	FMT100_745	Old	Excellent
	FMT100_170	New	Good
	FMT100_937	Old	Good
	FMT100_238	New	Normal
	FMT100_705	Old	Normal
	FMT100_071	New	Poor
	FMT100_638	Old	Poor
*Mounting conditions - device position under the hood from a poor location (thick metal layer above device) to an excellent location (thin metal layer above device)			
**Avg. Difference from precise track - measured by comparing positioning data from devices and RTK (Real-time kinematic positioning) system data which is considered precise data. The smaller avg. difference from precise track, means better track quality.			
Suggested implementation plan	No implementation plan needed		



2022.08.01: Base firmware update

We would like to inform you about the base firmware update for FMT100 starting from August 1st, 2022. New production firmware version will be 03.27.13.Rev.03

Change description		
Change type	Firmware update	
Detailed description	Key improvements from last production firmware are listed in errata: https://wiki.teltonika-gps.com/view/FMT100_firmware_errata	
Change reasons	Old version: FMT100 03.27.07.Rev.00	New version: FMT100 03.27.13.Rev.03
Product release date	FMT100 base firmware version update	
Affected products	2022 August	
Model	Affected order codes	Order code changes
FMT100	FMT100***** order codes with base Firmware	Update firmware
Change impact		
Risk assessment	Client's special firmware versions or order codes with special firmware will not be updated to latest base firmware automatically. During the transition period clients might receive devices with previous Firmware version used in manufacture.	
Suggested implementation plan	If you are using special firmware version and would like an upgrade to new features of latest base firmware, please contact your Teltonika sales manager.	

2021.10.01: Casing Change

We would like to inform you about the Casing change for FMT100 starting from October, 2021.

Change description		
Change type	Casing change New FMT100 casing material	
Detailed description	Old version:  New version: 	
Change reasons	Increased FMT100 demand requires to switch for materials with better availability	
Product release date	2021 October	
Affected products		
Model	Affected order codes	Order code changes
FMT100	All order codes with standard casing	New casing
Change impact		
Risk assessment	Casing Standard for Safety of Flammability UL 94 rating remains V-0 so CE and E-mark certificates are valid. Both casings conform to IP65 standard.	
Suggested implementation plan	No implementation plan needed	

2021.08.13: Base firmware update

We would like to inform you about the base firmware update for FMT100 starting from August 13th, 2021. New production firmware version will be 03.27.07.Rev.00

Change description

Change type	Firmware update	
Detailed description	Key improvements from last production firmware are listed in errata: https://wiki.teltonika-gps.com/view/FMT100_firmware_errata	
	Old version: FMT100 03.25.18.Rev.08	New version: FMT100 03.27.07.Rev.00
Change reasons	FMT100 base firmware version update	
Product release date	2021 August	
Affected products		
Model	Affected order codes	Order code changes
FMT100	FMT100***** order codes with base Firmware	Update firmware
Change impact		
Risk assessment	Client's special firmware versions or order codes with special firmware will not be updated to latest base firmware automatically. During the transition period clients might receive devices with previous Firmware version used in manufacture.	
Suggested implementation plan	If you are using special firmware version and would like an upgrade to new features of latest base firmware, please contact your Teltonika sales manager.	

2021.07.07: Hardware change

We would like to inform you about the hardware change for FMT100 starting from July of 2021.

Change description		
Change type	Hardware change	
	Internal gyroscope with accelerometer changed to accelerometer only	
Detailed description	Old version: FMT100 with accelerometer and gyroscope	New version: FMT100 with accelerometer
Change reasons	Response to the global situation in component market and streamlining our product portfolio	
Product release date	2021 July	
Affected products		
Model	Affected order codes	Order code changes
FMT100	FMT100*****	Gyroscope changed to accelerometer
Change impact		
Risk assessment	Current CE and E-mark certificates are valid. Also, current purchase codes remain the same.	
Suggested implementation plan	In cases when FMT100 devices with gyroscope are needed for special projects, please contact your Teltonika Telematics sales manager for further assistance	

2021.04.30: Base firmware update



We would like to inform you about the base firmware update for FMT100 starting from April 30th, 2021. New production firmware version will be **03.25.18.Rev.08**.

Change description		
Change type	Firmware update	
	Key improvements from last production firmware are listed in errata: https://wiki.teltonika-gps.com/view/FMT100_firmware_errata	
Detailed description	Old version: FMT100 03.25.18.Rev.05	New version: FMT100 03.25.18.Rev.08
Change reasons	FMT100 base firmware version update	
Product release date	2021 April 30th.	
Affected products		
Model	Affected order codes	Order code changes
FMT100	FMT100***** order codes with base Firmware	Update firmware
Change impact		
Risk assessment	Client's special firmware versions or order codes with special firmware will not be updated to latest base firmware automatically	
Suggested implementation plan	If you are using special firmware version and would like an upgrade to new features of latest base firmware, please contact your Teltonika sales manager.	

2021.04.30: Top Laser Printing Changes

We would like to inform you, that laser printing of the FMT100 device was updated in the factory from April 2021.

Change description	
Change type	External/visual

Detailed description	Top laser printing design changed	
	Old version:	New version:
		
Change reasons	1. Updated Emark certificate number	
Product release date	April 2021	
Affected products		
Model	Affected order codes	Order code changes
FMT100	FMT100*****	New casing
Change impact		
Risk assessment	No risk factors encountered with this change	
Suggested implementation plan	Due to changes in device appearance we strongly recommend to contact your customs agent with our change log information, to avoid any unexpected delays in customs clearance process	
Acknowledgement of PCN receipt		
If no feedback is received within two weeks after the issue date of this notification - Teltonika may accept that this change has been tacitly accepted and can implement the change as indicated above		

2021.02.08: Base firmware update

We would like to inform you about the base firmware update for FMT100 starting from February 26th, 2021. New production firmware version will be **03.25.18.Rev.05**.

Change description		
Change type	Firmware update	
	Key improvements from last production firmware are listed in errata: https://wiki.teltonika-gps.com/view/FMT100_firmware_errata	
Detailed description	Old version: FMT100 03.25.18.Rev.03	New version: FMT100 03.25.18.Rev.05
Change reasons	FMT100 base firmware version update	
Product release date	2021 February 26th.	
Affected products		
Model	Affected order codes	Order code changes
FMT100	FMT100***** order codes with base Firmware	Update firmware
Change impact		
Risk assessment	Client's special firmware versions or order codes with special firmware will not be updated to latest base firmware automatically	
Suggested implementation plan	If you are using special firmware version and would like an upgrade to new features of latest base firmware, please contact your Teltonika sales manager.	

2019.11.11: Standard Pack Quantity Changes

We would like to inform you, that Standard Pack Quantity (SPQ) for FMT100 will be changed from November.

Change description		
Change type	Packaging	
	Changed Standard Pack Quantity (SPQ) from 20 to 15	
Detailed description	Old version: <div><div>✖</div><div>✖</div></div>	New version: <div><div>✖</div><div>✖</div></div>
Change reasons	More secure packaging for transportation	
Product release date	Planned date: 2019 November	
Affected products		
Model	Old order codes	New order code
FMT100	FMT1001AJA01 (SPQ: 20)	FMT1001AFD01 (SPQ: 15)
FMT100	FMT1001AFIO8 (SPQ: 20)	FMT1001AGBO8 (SPQ: 15)
FMT100	FMT1001AE008 (SPQ: 20)	FMT1001ASZO8 (SPQ: 15)

FMT100	FMT1001AOWU2 (SPQ: 20)	FMT1001AJRU2 (SPQ: 15)
FMT100	FMT1001A4PN1 (SPQ: 20)	FMT1001AZNN1 (SPQ: 15)
FMT100	FMT1001AWPO8 (SPQ: 20)	FMT1001AJZO8 (SPQ: 15)
FMT100	FMT1001AHH01 (SPQ: 20)	FMT1001AOD01 (SPQ: 15)
FMT100	FMT1001AOUU2 (SPQ: 20)	FMT1001AEXU2 (SPQ: 15)
FMT100	FMT1001AOX9I (SPQ: 20)	FMT1001AMS9I (SPQ: 15)
FMT100	FMT1001AYDTG (SPQ: 20)	FMT1001AYPTG (SPQ: 15)
FMT100	FMT1001AD9D7 (SPQ: 20)	FMT1001AYPD7 (SPQ: 15)
FMT100	FMT1001AJA4H (SPQ: 20)	FMT1001AOG4H (SPQ: 15)
FMT100	FMT1001AJA4H (SPQ: 20)	FMT1001AOG4H (SPQ: 15)
FMT100	FMT1002AWPO8 (SPQ: 20)	FMT1002AJZO8 (SPQ: 15)
FMT100	FMT1001AJHUN (SPQ: 20)	FMT1001ACSUN (SPQ: 15)
FMT100	FMT1001AUN01 (SPQ: 20)	FMT1001AUF01 (SPQ: 15)

Change impact

Risk assessment	No risk factors encountered with this change
Suggested implementation plan	No implementation plan needed

Acknowledgement of PCN receipt

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