

FMC234 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 FMC230 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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2024.09.10: PCB changes



We would like to inform you that starting from June, 2025, there will be changes in the PCB's modification of our FMC234 devices. These changes affect FMC125, FMC225, FMC130, FMC230 and FMC234 devices.

Change description	Mechanical part changes	
Change type	Change of mechanical components within PCB:	
Detailed description	1. The DOUT is derived from discrete components. 2. No longer utilizes a dedicated part for the DOUT functionality. 3. Features simple overvoltage protection for the RS485 interface. 4. The microcontroller unit (MCU) has been upgraded from a Geehy MCU to an STM MCU.	
Change reasons	Old version:	New version:
Product release date		
Affected products	The PCB shape in the afore-mentioned devices is updated to streamline the manufacturing process, making it more efficient.	
Model	Affected order codes	Order code changes
FMC234	FMC234***** order codes	PCB's mechanical part changes
Change impact	No risk factors encountered with this change.	
Risk assessment	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.	
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 tactically accepted and can implement the change as indicated above.	

2024 June: PCB changes

We would like to inform you that starting from June, 2024, there will be changes in the PCB's modification of our FMC234 devices. These changes affect FMC125, FMC225, FMC130, FMC230 and FMC234 devices.

Change description

Change type	Mechanical part changes	
Detailed description	Change of mechanical components within PCB: 1. U4100 changed to APM32F003F6U6 2. Changed SWD pinout 3. Added QR to BOT side 4. Increased TestPoint diameter 5. Added TestPoint for reset pin(clearly visible) 6. Removed modem USB TestPoint(clearly visible) 7. Removed RF socket and cutout (Major change, clearly visible) 8. Remade Palette just like in FMB1X0 project 9. Discrete DOUT -> DOUT chip (clearly visible) 10. Changed fuse to a smaller footprint (clearly visible) Old version:  	
Change reasons	The PCB shape in the afore-mentioned devices is updated to streamline the manufacturing process, making it more efficient.	
Product release date	2024 June	
Affected products		
Model	Affected order codes	Order code changes
FMC234	FMC234***** order codes	PCB's mechanical part changes
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.	

2024.02.19: Base firmware update

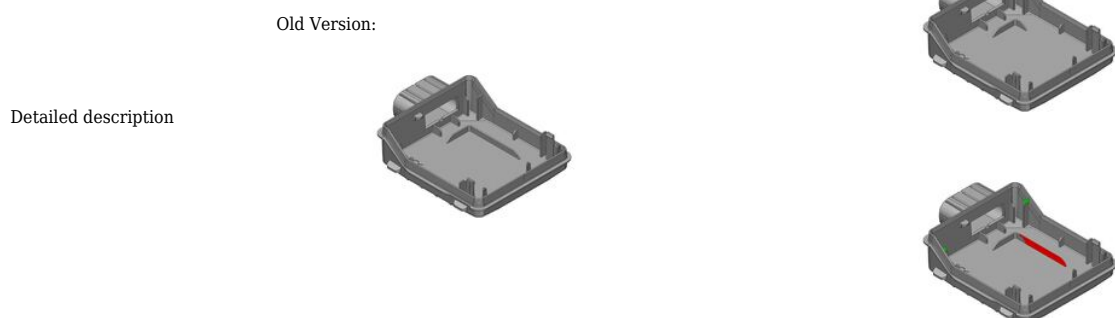
We would like to inform you about the base firmware update for FMC234 starting from 20th of February, 2024. New production firmware version will be **03.29.00.Rev.601**

Change description	Firmware update	
Change type	Key improvements from last production firmware are listed in errata: https://wiki.teltonika-gps.com/view/FMC234_firmware_errata	
Detailed description	Old version: 03.27.13.Rev.811	New version: 03.29.00.Rev.601
Change reasons	FMC234 base firmware version update for modifications with SLM320-LA module and SLM320-E module	
Product release date	2024 February	
Affected products		
Model	Affected order codes	Order code changes
FMC234	FMC234***** with 03.27.13.Rev.811 will be replaced to FMC234***** with base firmware	New firmware version
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.	

2024.01.22: Modified battery placement within the casing

We would like to inform you that starting from January 2024, there will be a small change in the FMC234 devices casing. We have adjusted the battery placement and increased PCB guide height within casing. This modification was essential to enhance our manufacturing process.

Change description	Optimizing robotic battery placement process within casing	
Change type	The modifications will not impact the place of the battery or PCB within the FMC234 device.	
	New Version:	



Change reasons
1. Modified battery placement within the casing.
2. PCB guide height increased for easier assembly.
3. Improved manufacturing process.

Product release date
January, 2024

Affected products

Model	Affected order codes	Order code changes
FMC234	FMC234 all codes	Modified battery placement and PCB guide height within the casing.

Change impact

Risk assessment
During transition period clients might receive devices with previous casing design. The transition period can last from January to February inclusive.

Suggested implementation plan
No implementation plan is needed.

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 tactically accepted and can implement the change as indicated above.