

# FMM230 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 FMM230 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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## 2024.10.03: PCB changes

We would like to inform you that starting from January, 2025, there will be changes in the PCB's modification of our FMM230 devices. These changes affect FMM130, FMM230 and FMM125 devices.

Change description		
Change type	Mechanical part changes	
Detailed description	Change of mechanical components within PCB:	
	1. Replaced the LIS3DH accelerometer on the bottom layer with an LIS2DH12 on a neighbouring footprint. Additionally, the accompanying capacitors and resistors were replaced.	
	2. The top layer remains unchanged.	
	Old Version:	New 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	January, 2025	
Affected products		
Model	Affected order codes	Order code changes
FMM230	FMM230***** 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.	
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.		

## 2024.07.29: PCB changes

We would like to inform you that starting from August, 2024, there will be changes in the PCB's modification of our FMM230 devices. These changes affect FMM130, FMM230 and FMM125

devices.

Change description

Change type	Mechanical part changes	
	Change of mechanical components within PCB.	
Detailed description	Old Version: <div><div><div></div><div></div></div></div>	New Version: <div><div><div></div><div></div></div></div>
Change reasons	<div><div>1. FMU differences</div><div>2. Modem position moved</div><div>3. New BT antenna</div><div>4. Modem USB test points moved</div><div>5. Added QR code on top side of PCB</div><div>6. DOUT changed to discrete</div><div>7. Electrolytic caps changed to ceramics</div><div>8. Added battery TP</div><div>9. Changed fuse footprint</div><div>10. Removed external GNSS antenna cutout</div></div>	
Product release date	August, 2024	
Affected products		
Model	Affected order codes: <b>FMM230*****</b> order codes	Affected order codes: <b>FMM230*****</b> order codes
<b>FMM230</b>	PCB's mechanical part changes	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.	
Suggested implementation plan	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.	

2024.05.13: Base firmware update

We would like to inform you about the base firmware update for FMM230 starting from June, 2024. New production firmware version will be **03.29.00.Rev.18**

Change description

Change type	Firmware update	
	Key improvements from last production firmware are listed in errata: <a href="#">FMM230 firmware errata</a>	
Detailed description	Old version: <div>03.29.00.Rev.13</div>	New version: <div>03.29.00.Rev.18</div>
Change reasons	FMM230 base firmware version update for modifications with BG95-M3 module	
Product release date	2024 June	
Affected products		
Model	Affected order codes	Order code changes
FMM230	FMM230LN**** with 03.29.00.Rev.13 firmware FMM23094**** with 03.29.00.Rev.13 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 FMM230 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

Change type	Optimizing robotic battery placement process within casing	
	The modifications will not impact the place of the battery or PCB within the FMM230 device.	
	New Version:	
Detailed description	Old Version: <div><div><div></div><div></div></div></div>	<div><div><div></div><div></div></div></div>

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	
<b>Affected products</b>		
Model	Affected order codes	Order code changes
FMM230	FMM230 all codes	Modified battery placement and PCB guide height within the casing.
<b>Change impact</b>		
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.	
<b>Acknowledgement of PCN receipt</b>		
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.		

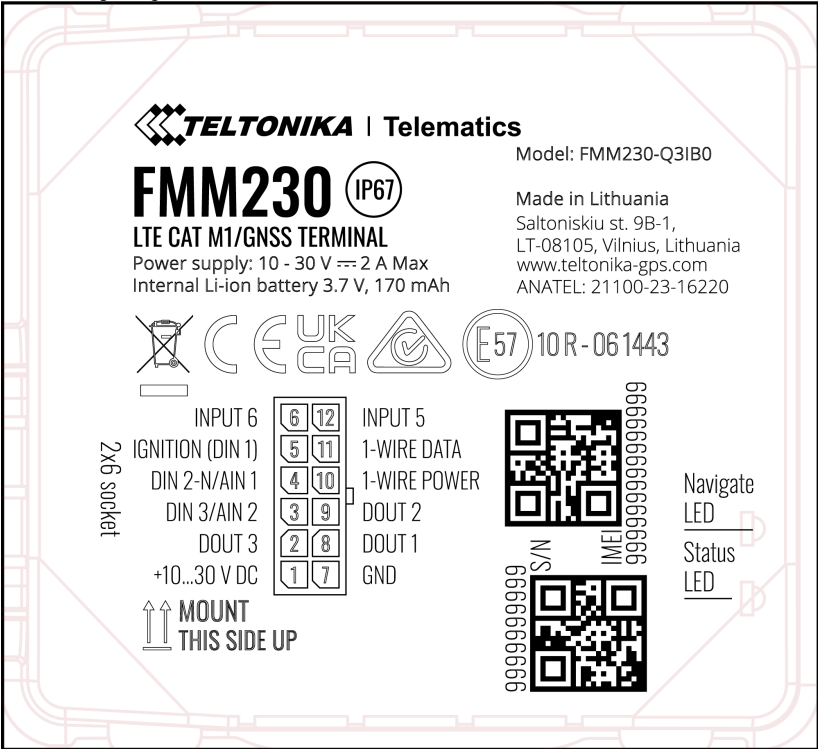
## 2024.01.26: Base firmware update

We would like to inform you about the base firmware update for FMM230 starting from January 26th, 2024. New production firmware version will be **03.29.00.Rev.14**

<b>Change description</b>		
Change type	Firmware update	
Detailed description	Key improvements from last production firmware are listed in errata: <a href="#">FMM230_firmware_errata</a>	
	Old version: FMM230 03.27.13.Rev.03	New version: FMM230 03.29.00.Rev.14
Change reasons	FMM230 base firmware version update	
Product release date	2024 January	
<b>Affected products</b>		
Model	Affected order codes	Order code changes
FMM230	FMM230***** order codes with base Firmware	Update firmware
<b>Change impact</b>		
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.	
<b>Acknowledgement of PCN receipt</b>		
	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	

## 2023.12.13: Certification Engraving Update

<b>Change description</b>	
Change type	Internal
Detailed description	The specifications of laser engraving devices have undergone modifications subsequent to their certification by Anatel and Bluetooth® SIG, ensuring compliance with rigorous standards. These changes affect FMM130-QG5 and FMM230-Q3IB0 devices. Old laser engraving:



Change reasons	The devices have received approval from both Anatel certification and compliance with the Bluetooth® SIG standard. These changes affect FMM130-QG5 and FMM230-Q3IB0 devices.	
Release date	December, 2023	
<b>Affected products</b>		
Model	Affected order codes	Order code changes
FMM230	FMM230-Q3IB0	Updated laser engraving.
<b>Change impact</b>		
Risk assessment	During the transition period clients might receive devices with old laser engraving.	
Suggested implementation plan	No implementation plan is needed.	
<b>Acknowledgement of PCN receipt</b>		
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.		

## 2022.09.19: Base firmware update

We would like to inform you about the base firmware update for FMM230 starting from October 1st, 2022. New production firmware version will be 03.27.13.Rev.03

<b>Change description</b>		
Change type	Firmware update	
Detailed description	Key improvements from last production firmware are listed in errata: <a href="https://wiki.teltonika-gps.com/view/FMM230_firmware_errata">https://wiki.teltonika-gps.com/view/FMM230_firmware_errata</a>	
	Old version: FMM230 03.27.12.Rev.00	New version: FMM230 03.27.13.Rev.03
Change reasons	FMM230 base firmware version update	
Product release date	2022 October	
<b>Affected products</b>		
Model	Affected order codes	Order code changes
FMM230	FMM230***** order codes with base Firmware	Update firmware
<b>Change impact</b>		
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.	