

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:



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

Change reasons
Product release date

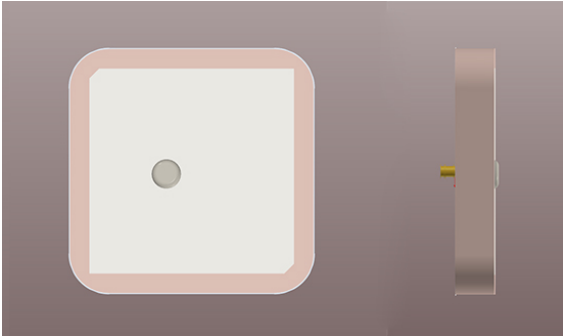
Standardization of GNSS antennas throughout device portfolio and manufacturing efficiency improvements
October 2023

Affected products

Model
FMT100

Affected order codes
FMT100***** order codes

New version:



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

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 | |
| | Key improvements from last production firmware are listed in errata: https://wiki.teltonika-gps.com/view/FMT100_firmware_errata | |
| Detailed description | Old version: FMT100 03.27.07.Rev.00 | New version: FMT100 03.27.13.Rev.03 |
| Change reasons | FMT100 base firmware version update | |
| Product release date | 2022 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. | |

2021.10.01: 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

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

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