

TRB142 Product Change Notifications

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Product change notifications (PCN) is a way of informing customers of upcoming changes related to Teltonika Networks products. This includes outward appearance adjustments, hardware improvements, changes to package contents, etc. Changes related to a product's firmware are not included in PCNs ([click here](#) to see the firmware changelog).

This page stores information regarding changes to the [TRB142](#) device. Below you will find a list of both upcoming and already implemented changes sorted by newest to oldest (top to bottom).



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2024.05.15: SMA Connector Update

Starting from August 2024, TRB142 devices will be manufactured with updated SMA connectors.

PCN Number: PCN_TRB142_SMA_2024.05.15	
Change description	
Change type	Hardware change
Detailed description	Starting in August 2024, TRB142 devices will be manufactured with updated RP-SMA and SMA connectors. This update will not affect the functionality of the SMA connectors; it is only a change in their form. In the photos displayed below, you can see the change. Please note that this change will be implemented gradually, throughout a 3-month transitional period starting in August 2024. During this period, your shipments of TRB142 may consist of either the current design or the new one described above. Current design:  Updated design: 
Change reasons	This will improve the effectiveness of device manufacturing.
Affected products information	
Model	Affected order codes
TRB142	TRB142 *****
Upcoming change date	August 2024
Change impact	
Risk assessment	No risk factors are associated with this change. Please note: this product change notification does not affect any previous TRB142 devices, except new TRB142 devices that will be manufactured with this change.
Suggested implementation plan	Information included in this PCN will help adapt to the upcoming changes. For more detailed information, please contact your sales representative.
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.	

To download the pdf version of this notification, [click here](#).

2024.03.08: Reset button functionality change RutOS 7.07

With the release of RutOS version 7.07, TRB142 device will experience changes related to the security improvements of the device.

PCN Number: PCN_RUTOS_CHANGE_2024_03_08_EN

Change description

Change type	Firmware change
Detailed description	Previously, during device resets, logs, RMS connection state data, and SIM PIN settings remained unchanged. However, starting with RutOS firmware version 7.07, all devices will uniformly reset logs, RMS connection state data, and SIM PIN settings to factory defaults when using the reset button. Other reset methods, including WebUI, SMS, and others, will remain unimpacted by this change.
Change reasons	Increasing security

Affected products information

Model	Affected order codes	Order code changes
TRB142	TRB142 *****	No changes
Upcoming change date	2024 Q2, with the release of RutOS 7.07	

Change impact

Risk assessment	<ul style="list-style-type: none">The loss of device logs upon utilizing the reset button may disrupt operational records and slow down subsequent troubleshooting efforts.Failure to set up the SIM PIN post-reset via the reset button may result in SIM card lockout due to repeated incorrect PIN entries, causing service disruption and requiring either SIM replacement or PIN reset.The device is still visible in RMS post-reset but cannot be accessed. Therefore, re-adding the device to RMS is necessary for continued access.
Suggested implementation plan	Information included in this PCN will help adapt to the upcoming changes. For more detailed information, please contact your sales representative.

Acknowledgement of PCN receipt

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2023.10.16: Firmware Requirement Change

Starting from November 2023, all TRB142 devices will be manufactured with a new firmware version. They will require firmware version TRB1_R_00.07.05 or newer.

Change description

Change type	Firmware Requirement Change
Detailed description	Starting November 2023, all TRB142 devices will be manufactured with a new firmware version. They will require firmware version TRB1_R_00.07.05 or newer. Downgrading to previous firmware versions will no longer be supported. Please note that this change will be implemented gradually, throughout a 4-month transitional period starting from November 2023. During this period, your shipments of TRB142 may consist of either the previous version or the new one described above.

Change reasons	Support for newest Quectel modem firmware
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Affected products information

All TRB142 ***** product codes are affected. No product code changes.	
Product release date	November 2023

Change impact

Risk assessment	No risk factors are associated with this change. Please note: this product change notification does not affect any previous TRB142 devices, except new TRB142 devices.
Suggested implementation plan	For more detailed information please contact your sales representative.

Acknowledgement of PCN receipt

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2023.02.13: MAC address range change

All Teltonika Networks devices manufactured starting from 2023, week 9 will have additional new MAC address range.

Change description

Change type	MAC address range
Detailed description	All Teltonika Networks devices manufactured starting from 2023, week 9 may have a MAC address from the new MAC address range 20:97:27:00:00:00 - 20:97:27:FF:FF:FF , as well as the current MAC address range 00:1E:42:00:00:00 - 00:1E:42:FF:FF:FF
Change reasons	Endpoint of the previous MAC address range.

Affected products information

Model	Affected order codes	Order code changes
All Teltonika Networks devices	All order codes	No changes
Upcoming change date	2023, week 9	

Change impact

Risk assessment Device install procedures or any automated solutions might need modifications.

Suggested implementation plan For more detailed information please contact your sales representative.

Acknowledgement of PCN receipt

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To download the pdf version of this notification, [click here](#).

2022.11.25: Default password change

All TRB142 devices manufactured starting from 2022, week 50, will have unique default password.

Change description

Change type	Default password change.
Detailed description	TRB142 devices manufactured starting from Q4 2022 will have unique default password.
Change reasons	Increasing device security.

Affected products information

Model	Affected order codes	Order code changes
TRB142	TRB142 *****	No changes
Upcoming change date	2022, week 50	

Change impact

Risk assessment Device install procedures or any automated solutions might need modifications. **Please note:** this product change notification does not affect any previous TRB142 devices.

Suggested implementation plan For more detailed information please contact your sales representative.

Acknowledgement of PCN receipt

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2022.11.25: QSG flyer replacement

Starting from 2022, week 50, TRB142 gateway will come with a new QSG flyer in the packaging.

Change description

Change type	Replacement of QSG flyer
Detailed description	TRB142 devices manufactured starting from Q4 2022 will have a new QSG flyer in the packaging. The new QSG flyer includes the short version of QSG with a QR code/link to the full Web QSG version: teltonika-networks.com/QSG_TRB142

Change reasons	Reducing environmental impact.	
	Previous design: 	New design: 
	The new flyer will include QR codes with URL links to RMS and the Web version of the QSG (Quick Start Guide) for the TRB142.	

Affected products information

Model	Affected order codes	Order code changes
TRB142	TRB142 *****	No changes
Upcoming change date	2022, week 50	

Change impact

Risk assessment Marketing material such as photos might need replacing.

Suggested implementation plan Information included in this PCN will help adapt to the upcoming changes.

Acknowledgement of PCN receipt

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To download the pdf version of this notification, [click here](#).

2022.11.25: Changes in engraving/labeling

Starting from 2022, week 50, TRB142 gateways will be produced with modified bottom engraving/labeling.

Change description

Change type External/visual
The device's unique default password will be added to the bottom engraving/labeling. The formatting for the remaining information on the labeling/engraving will be adjusted, and the Fira font will be used instead of Arial. The device's unique default password information will also be added to the QR code Information displayed after scanning QR code with syntax:
SN:{{SN}};I:{{IMEI}};M:{{MAC}};U:admin;PW:{{DEVICEPASSWORD}};B:{{BATCH}};

Detailed description From the device top engraving/labeling, the previously relevant authentication information text will be removed: **User/Pass: admin/admin01.**

The labeling on the product packaging will stay unchanged.

Old top engraving/labeling:



Old bottom engraving/labeling:



New top engraving/labeling:



New bottom engraving/labeling:



Change reasons To accommodate the change from the standard default password to a unique default password for each device.

Affected products information

Model	Affected order codes	Order code changes
TRB142	TRB142 *****	No changes
Upcoming change date	2022, week 50	

Change impact

Risk assessment Changes to top labeling/engraving. Device's unique default password will be present on the product itself. This might impact marketing materials due to changing contents of the bottom informational engraving/labeling.

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.

To download the pdf version of this notification, [click here](#).

2020.08.14: changes in bottom labeling

Effective 2020, week 36, TRB142 gateways will be produced with modified bottom labeling/engraving.

Change description

Change type External/visual
The product code will be removed from the bottom labeling/engraving. The formatting for the remaining information on the labeling/engraving will be adjusted. Product code information will also be removed from the QR code.

Detailed description The labeling on the product packaging will stay unchanged.

Old version:



New version:



Change reasons Placing product code on the product itself is misleading, product code describes what is included in the product equipment package, not in the product itself.

Affected products information

All TRB14* ***** product codes are affected. No product code changes.

Product release date	2020, week 36
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Change impact

Risk assessment The exact product code will not be present on the product itself, the exact product code will be found on the packaging box or determined by serial number. This might impact marketing materials due to changing contents of the bottom informational laser engraving.

Suggested implementation plan No implementation plan needed

Acknowledgement of PCN receipt

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2020.06.12: RUTOS support

Effective since June 03, 2020, TRB142 support RutOS v2.3, available at [TRB142 Firmware](#)

[downloads.](#)

Change description

Change type	Firmware
Detailed description	Added RutOS Support for TRB14x series gateways
Change reasons	Until now different TRB series gateways had their own FW version depending on LTE module. After this update FW will become common to all TRB14x gateways.

Affected products information

Model	Affected order codes	Order code changes
TRB142	TRB142 *****	No changes

Change impact

Risk assessment	Migration from TRB1420_R_00.01.06.1 or older requires Legacy firmware RutOS v2.3 includes Basic and Advanced modes, so some functionality may appear missing until Advanced mode is selected
Suggested implementation plan	Special preparations are unneeded

Acknowledgement of PCN receipt

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2019.05.30: New housing

Effective July, 2019, TRB142 devices will be produced with new rugged housing.

Change description

Change type	Rugged housing standard order code added
Detailed description	Power supply unit changed Before: After: <input type="checkbox"/> <input type="checkbox"/>
Change reasons	Improved ruggedness.

Affected products information

Standard order code will include housing		
Device	New standard code	Optional order code (without housing)
TRB142	TRB142003000	TRB142000000
Product release date	July, 2019	

Change impact

Risk assessment	Pricing and lead time may be subject to change. Marketing material such as photos or specification changes.
Suggested implementation plan	Updated marketing material can be found here . For more detailed, information please contact your sales representative.

Acknowledgement of PCN receipt

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2019.05.20: Power supply unit (PSU) changed

Effective June, 2019, TRB142 devices will be sold with new power supply units (PSU).

Change description

Change type	Power supply
Detailed description	Power supply unit changed Current PSUs: <input type="checkbox"/> New PSUs: <input type="checkbox"/> PSU specifications Electrical 9 VDC, 1 A (9 W) 9 VDC, 0.5 A (4.5 W) EU: 26 x 74 x 43 mm EU: 26 x 59 x 41 mm UK: 48 x 73 x 47 mm UK: 50 x 62 x 49 mm US: 26 x 74 x 43 mm US: 26 x 59 x 41 mm AU: 40 x 74 x 51 mm AU: 41 x 59 x 49 mm
Dimensions	
Change reasons	Power supply optimized for TRB14x series devices.

Affected products information

Model	Affected order codes	Order code changes
TRB14*	TRB14* *****	No changes
Product release date	June, 2019	

Change impact

Risk assessment	Marketing material such as photos or specification changes.
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Marketing material can be found [here](#).

Suggested implementation plan PSU datasheets can be found [here](#)

Information included in this PCN will help adapt to the upcoming changes.

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