

# 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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## 2024.03.08: 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"><li>• The loss of device logs upon utilizing the reset button may disrupt operational records and slow down subsequent troubleshooting efforts.</li><li>• 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.</li><li>• 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.</li></ul>	
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.		

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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.

Support  
for  
newest  
Quectel  
modem  
firmware

Change reasons

### 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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## 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
<b>Change impact</b>	
Risk assessment	Device install procedures or any automated solutions might need modifications. <b>Please note:</b> this product change notification does not affect any previous TRB142 devices.
Suggested implementation plan	For more detailed information please contact your sales representative.
<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.	

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

## 2022.11.25: QSG flyer replacement





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

<b>Change description</b>		
Change type	Replacement of QSG flyer	
	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: <a href="https://teltonika-networks.com/QSG_TRB142">teltonika-networks.com/QSG_TRB142</a>	
Detailed description	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.	
Change reasons	Reducing environmental impact.	
<b>Affected products information</b>		
Model	Affected order codes	Order code changes
TRB142	TRB142 *****	No changes
Upcoming change date	2022, week 50	
<b>Change impact</b>		
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.	
<b>Acknowledgement of PCN receipt</b>		
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## 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	
Detailed description	<p>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}};</p> <p>From the device top engraving/labeling, the previously relevant authentication information text will be removed: <b>User/Pass: admin/admin01</b>.</p> <p>The labeling on the product packaging will stay unchanged.</p> <div><div><b>Old top engraving/labeling:</b> </div><div><b>Old bottom engraving/labeling:</b> </div></div> <div><div><b>New top engraving/labeling:</b> </div><div><b>New bottom engraving/labeling:</b> </div></div>	
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	
Detailed description	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. The labeling on the product packaging will stay unchanged.	
Change reasons	Old version:	New version:
		
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

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

## 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	
Change reasons	Before:	After:
		
Improved ruggedness.		

**Affected products information**

Standard order code will include housing

Device	New standard code
TRB142	TRB142003000
Product release date	July, 2019

Optional order code (without housing)
TRB142000000

**Change impact**

Risk assessment	Pricing and lead time may be subject to change. Marketing material such as photos or specification changes.
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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:



PSU specifications

Electrical

Dimensions

New PSUs:



9 VDC, **1 A (9 W)**

EU: 26 x 74 x 43 mm

UK: 48 x 73 x 47 mm

US: 26 x 74 x 43 mm

AU: 40 x 74 x 51 mm

9 VDC, **0.5 A (4.5 W)**

EU: 26 x 59 x 41 mm

UK: 50 x 62 x 49 mm

US: 26 x 59 x 41 mm

AU: 41 x 59 x 49 mm

Change reasons	Power supply optimized for TRB14x series devices.
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**Affected products information**

Model	Affected order codes
TRB14*	TRB14* *****
Product release date	June, 2019

Order code changes
No changes

**Change impact**

Risk assessment	Marketing material such as photos or specification changes. Marketing material can be found <a href="#">here</a> .
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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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