

RUT850 Firmware Downloads

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You can download Firmwares for RUT850 routers from this page.

| Firmware | Version | Changelog |
|-----------------|-----------------------------------|----------------------------|
| Latest FW* | RUT850_R_00.01.04 | 2020.05.15 |
| Factory FW** | RUT850_R_00.01.04 | 2020.05.15 |
| STM8*** | STM8 version 10 | 2018.07.25 |

* **Latest FW** - Firmware candidate for release. This version will usually contain some new features and/or improvements (described in the Change log section of this article) but it hasn't been fully tested and approved by Teltonika's testing and technical support units.

** **Factory FW** - newest Firmware in mass production.

*** **STM8** - a firmware responsible for sleep mode functionality and signal strength LEDs.

FW checksums

A list of firmware checksums for RUT850 firmwares uploaded in this page: [checksum list](#)

Change Log

[RUT850_R_00.01.04](#) | 2020.05.15

- New:
 - Added connection band info to mobile status page
 - Added backup from lower firmware version support
 - Added OpenVPN new AES ciphers
 - Added reply after 'mobileon' and 'mobileoff' commands in the SMS utilities.
 - Added UCI API 'uci delete' in the SMS utilities
 - Added 'no-ip.com' ddns provider
 - openssl updated to version 1.0.2r
 - dropbear updated to version 2019.78
 - busybox updated to version 1.30.1
 - uci updated to version 2018-08-11
 - ubus updated to version 2018-10-06
 - ubox updated to version 2019-04-07
 - libubox updated to version 2019-02-27
 - mac80211 updated to version 2016-10-08
 - hostapd updated to version 2018-12-02
- Improvements:

- Added redirect to main window after 'save'
- Added confirmation in 'Access control' page when WebUI access is lost
- Added file upload validations
- Increased landing page file upload allowed size
- Fix:
 - Fixed DDNS & SMS-Utilities services enable/disable options
 - Fixed GPS map display for Edge browser
 - Fixed dialing number validation
 - Fixed WAN state and IP display
 - Fixed WAN IP display on login page
 - Fixed STM8 firmware upgrade verification
 - Fixed enabling sleep mode in setup wizard
 - Fixed STM8 and router firmware validation
 - Fixed SMS send '+CMGS' error
 - Fixed Send/Received statistics
 - Fixed GPS on/off
 - Fixed rules shown up as 'N/A'
 - Fixed UCI API 'uci show' extended syntax
 - Fixed 'more' custom message
 - Fixed number validation for '00XXX' format
 - Fixed 'Write to config' option in the Call Utilities
 - Fixed wireless connection loop
 - Fixed Hotspot startup issues
 - GPS map display fix for Edge browser
 - Fixed LTE band default value for different regions
 - Fixed switching between WAN interfaces
 - Fixed interface metrics assignment
 - Fixed status signal LED issues
 - Fixed Ping reboot function packet size with saved '0' value
 - Fixed firewall rule init to make mobile data limit work properly
 - Fixed DDNS service restart

[RUT850_R_00.01.03.5](#) | 2019.08.29

- Fix:
 - RMS: fixed retrieving of active hotspot users
 - RMS: fixed proxy

[RUT850_R_00.01.03.4](#) | 2019.06.25

- New features:
 - Added XT25F128B flash support

[RUT850_R_00.01.03.2](#) | 2019.03.28

- Fixes:
 - Hotspot startup fixes

[RUT850_R_00.01.03.1](#) | 2019.03.06

- Fixes:
 - Firewall page fix

- GPL compile fix

RUT850_R_00.01.03 | 2019.02.13

- Improvements:
 - Added Root CA page to System → Administration
 - Updated GPS page
 - Firewall updates
 - Updated RMS applications
 - Updated curl to version 7.64.0
 - Updated OpenSSL to version 1.0.2q
- Fixes:
 - Mobile page fix
 - Added MAIN routing table selection in Network → Routing
 - System log fix
 - Keep settings after sleep mode fix
 - Setup Wizard tab order fix
 - Overview Hotspot widget fix
 - SSH security fix
 - RMS MAC address display fix

RUT850_R_00.01.02 | 2018.11.27

- New features:
 - Added ignition and voltage state sending functionality to TAVL server
 - Added force network bands support
 - Added IPsec and L2TP service support
 - Changed RMS communication protocol to use MQTT instead of OpenVPN
- Improvements
 - Updated mobile operator database
 - Added forced password change
 - Updated curl to 7.62.0
 - Updated OpenSSL to 1.0.2p
 - Updated cacert to 2018-10-17
 - Updated dropbear to 2018.76
 - Default SSID and Passphare updates
- Fixes
 - Added periodic network scan to Operators list in case of failure on first time
 - Linux CVE-2017-18017 fix
 - RMS OpenVPN service fix
 - Static Routes fix
 - Security updates and fixes
 - Safemode firmware upgrade fix
 - Hotspot security fixes
 - Update Firmware Upgrade validation for future firmwares
 - Configuration wizard mobile page fixes
 - Safemode banner fix

[RUT850_R_00.01.00](#) | 2018.05.10

- New features:
 - New versioning system
 - Added Teltonika wiki link to overview widgets
 - Added DHCP lease option for Hotspot
- Improvements:
 - Updated Overview page icons
 - Updated SSH banner

[RUT850_R_00.00.533](#) | 2018.03.26

- New features:
 - OpenVPN service

[RUT850_R_00.00.528](#) | 2018.02.14

- New features:
 - WPA-Enterprise support added

[RUT850_R_00.00.525](#) | 2018.01.29

- Improvements:
 - Added binero.se to DDNS service list
- Fixes:
 - Fixed SMS utilities Write to config bug when sending mobileoff message
 - Some optimization fixes
 - Updated Firmware upgrade validation function
 - Updated Web Filter scripts

[RUT850_R_00.00.517](#) | 2018.01.04

- Fixes:
 - Hotspot startup fix

[RUT850_R_00.00.516](#) | 2017.12.08

- Improvements:
 - Ignition On/Off events logging added
- Fixes:
 - WebUI fix for Realtime Traffic graphs with PPP connection type

[RUT850_R_00.00.509](#) | 2017.11.30

- New features:
 - Hotspot configuration profiles added
- Improvements:
 - Placeholders added on Hotspot URL parameter page
 - Added troubleshoot file download protection

- spdyn.de DDNS service added
- Fixes:
 - Fixed Force LTE function
 - Fixed data counting for PPP connection type

[RUT850_R_00.00.501](#) | 2017.11.23

- New features:
 - Added Events Reporting functionality
 - Added Site Blocking and Proxy Based Content Blocking host file upload option
- Fixes:
 - Use IPv4 only bug fix that caused not using default context ID
 - Multiple fixes to the GPS service
 - Multiple fixes to SMS Utilities and SMS in general
 - SMS utilities fw_upgrade rule fixed in a way that upgrades the Firmware with keep settings
 - Some Site Blocking fixes
 - Connecting to hidden Wi-Fi Access Points fix

[RUT850_R_00.00.484](#) | 2017.11.03

- Fixes:
 - Mobile Data Limit fix
 - GPS fix

[RUT850_R_00.00.480](#) | 2017.11.02

- Improvements:
 - Upgraded Mobile Data Limit functionality
- Fixes:
 - Wi-Fi HT mode fix

[RUT850_R_00.00.469](#) | 2017.10.24

- New features:
 - Added new firmware version alert
- Improvements:
 - Updated some teltonika scripts

STM8 Change Log

[Media:RUT850_STM_10.0.0.hex](#) | 2018.07.25

- Improvements
 - Added lower sleep delay (2 min.)