

# RUT850

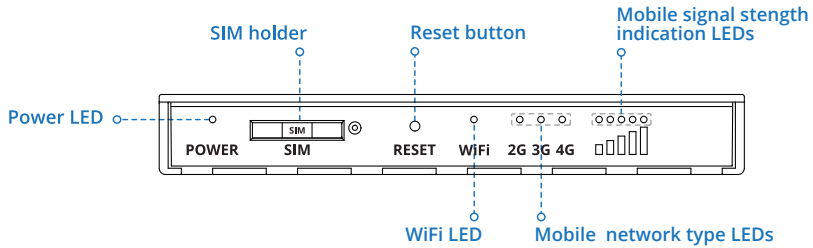
Quick Start Guide v2.2



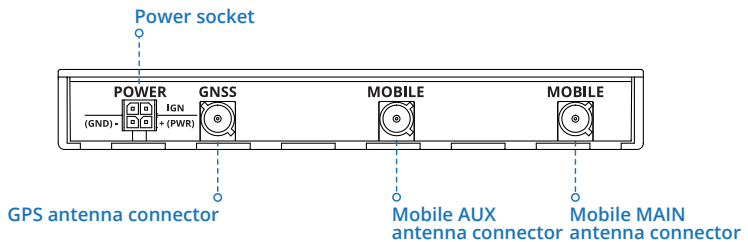
Wiki knowledge base  
<https://wiki.teltonika-networks.com/>



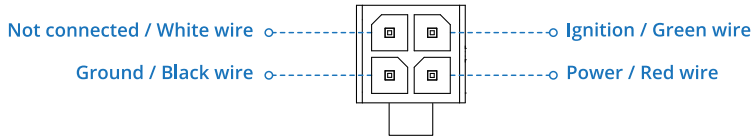
## FRONT VIEW



## BACK VIEW

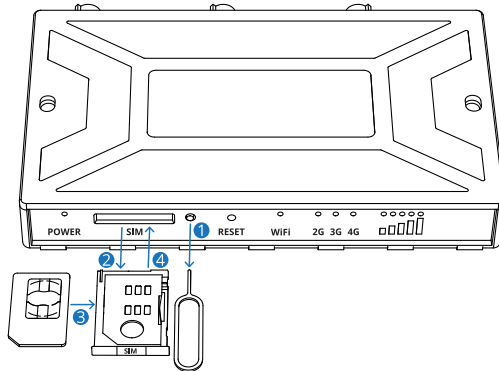


## POWER SOCKET PINOUT



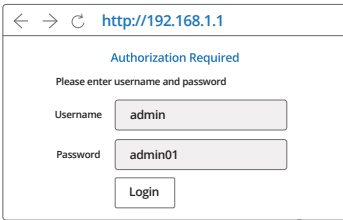
## HARDWARE INSTALLATION

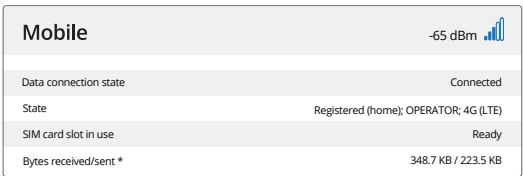
1. Push the SIM holder button with the SIM needle.
2. Pull out the SIM holder.
3. Insert your SIM card into the SIM holder.
4. Slide the SIM holder back into the router.
5. Attach all antennas.
6. Connect the power adapter to the socket on the front of the device. Then plug the other end of the power adapter into a power outlet.
7. Connect to the device wirelessly using SSID and password provided on the device information label.




## LOGIN TO DEVICE

1. To enter the router's Web interface (WebUI), type <http://192.168.1.1> into the URL field of your Internet browser.
2. Use login information shown in image A when prompted for authentication.
3. After you login, you will be prompted to change your password for security reasons. The new password must contain at least 8 characters, including at least one uppercase letter, one lowercase letter and one digit. This step is mandatory and **you will not be able to interact with the router's WebUI before you change the password.**
4. When you change the router's password, the **Configuration Wizard** will start. The **Configuration Wizard** is a tool used to setup some of the router's main operating parameters.
5. Go to the **Overview** page and pay attention to the **Signal Strength** indication (image B). To maximize the cellular performance try adjusting the antennas or changing the location of your device to achieve the best signal conditions.

A. 

B. 

Mobile	-65 dBm 
Data connection state	Connected
State	Registered (home); OPERATOR: 4G (LTE)
SIM card slot in use	Ready
Bytes received/sent *	348.7 KB / 223.5 KB

## TECHNICAL INFORMATION

Radio specifications	
RF technologies	2G, 3G, 4G, WiFi, GNSS
Max RF power	33 dBm@GSM, 24 dBm@WCDMA, 23 dBm@LTE, 20 dBm@ WiFi
Bundled accessories specifications*	
Power adapter	Input: 0.4A@100-240VAC, Output: 9VDC, 1A, 4-pin plug
Mobile antenna	690/900/1800/1900/2100/2700 MHz, 50 Ω, VSWR < 3.2, gain** 3.5 dBi, omnidirectional, FAKRA D female connector
GNSS antenna	1575.42–1602 MHz, 2.2-5 VDC, VSWR < 1.5, active total gain** 26 dB (typ.), RHCP polarization, FAKRA C female connector

\*Order code dependent.

\*\*Higher gain antenna can be connected to compensate for cable attenuation when a cable is used. The user is responsible for the compliance with the legal regulations.

## SAFETY INFORMATION

RUT850 router must be used in compliance with any and all applicable national and international laws and with any special restrictions regulating the utilization of the communication module in prescribed applications and environments.

[EN] English	Hereby, TELTONIKA declares that this RUT850 is in compliance with the essential requirements and other relevant provisions of Directive CE/RED.
[BG] Bulgarian	С настоящето, TELTONIKA декларира, че RUT850 е в съответствие със съществените изисквания и другите приложими разпоредби на Директива CE/RED.
[CZ] Czech	TELTONIKA tímto prohlašuje, že RUT850 splňuje základní požadavky a všechna příslušná ustanovení Směrnice CE/RED.
[DE] German	Hiermit erklärt TELTONIKA dass sich das Gerät RUT850 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie CE/RED befindet.
[DK] Danish	Undertegnede TELTONIKA erklærer herved, at følgende udstyr RUT850 overholder de væsentlige krav og øvrige relevante krav i direktiv CE/RED.
[EE] Estonian	Käesolevaga kinnitab TELTONIKA seadme RUT850 vastavust direktiivi CE/RED põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
[ES] Spanish	Por la presente, TELTONIKA declara que este RUT850 cumple con los requisitos esenciales y otras exigencias relevantes de la Directiva CE/RED.
[FI] Finnish	TELTONIKA vakuuttaa täten että RUT850 tyypin laine on direktiivin CE/RED oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
[FR] French	TELTONIKA déclare que cette RUT850 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive CE /RED.
[GR] Greek	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Ο ΚΑΤΑΣΚΕΥΑΣΤΗΣ ΤΕΛΤΟΝΙΚΑ ΔΗΛΩΝΕΙ ΟΤΙ ΤΟ RUT850 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ CE/RED.
[HU] Hungarian	A TELTONIKA ezzenel kijelenti, hogy a RUT850 típusú berendezés teljesíti az alapvető követelményeket és más CE/RED irányelvben meghatározott vonatkozó rendelkezéseket.
[IT] Italian	Con la presente TELTONIKA dichiara che questo RUT850 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva CE/RED.
[LT] Lithuanian	Šiuo dokumentu UAB TELTONIKA deklaruoja, kad šis RUT850 atitinka esminius reikalavimus ir kitas CE/RED Direktyvos nuostatas.
[LV] Latvian	Ar šo TELTONIKA deklarē, ka RUT850 atbilst Direktīvas CE/RED būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
[NL] Dutch	Hierbij verklaart TELTONIKA dat het toestel I RUT850 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn CE/RED.
[NO] Norwegian	TELTONIKA Erklærer herved at RUT850 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv CE/RED.
[PL] Polish	Niniejszym TELTONIKA deklaruje że RUT850 jest zgodny z zasadniczymi wymaganiami i innymi właściwymi postanowieniami Dyrektywy CE/RED.
[PT] Portuguese	Eu, TELTONIKA declaro que o RUT850 cumpre os requisitos essenciais e outras provisões relevantes da Directiva CE/RED.
[RO] Romanian	Prin prezenta, TELTONIKA declară că aparatul RUT850 este în conformitate cu cerințele esențiale și cu alte prevederi pertinente ale Directivei CE/RED.
[SE] Swedish	Härmed intygar TELTONIKA att denna RUT850 är i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv CE/RED.
[SI] Slovenian	TELTONIKA izjavlja, da je ta RUT850 v skladu z bistvenimi zahtevami in drugimi relevantnimi določili direktive CE/RED.

The full text of the EU declaration of conformity is available at the following internet address: [https://wiki.teltonika-networks.com/view/RUT850\\_CE/RED](https://wiki.teltonika-networks.com/view/RUT850_CE/RED)

**[EN]** Instruction Manual: Connect the power adapter to turn on the device. Open 192.168.1.1 in your web browser to configure it. More information on <https://wiki.teltonika-networks.com/>

**[BG]** Инструкции: Съединете адаптера на захранване, за да включите устройството. Отворете 192.168.1.1 в уеб браузър, за да настроите продукта. Повече информация в <https://wiki.teltonika-networks.com/>

**[CZ]** Návod k použití: Připojte napájecí adaptér k zapnutí přístroje. Otevřete 192.168.1.1 ve webovém prohlížeči pro konfiguraci produktu. Více informací najdete v <https://wiki.teltonika-networks.com/>

**[DE]** Bedienungsanleitung: Verbinden Sie das Netzteil, um das Gerät einzuschalten. Öffnen Sie 192.168.1.1 in einem Web Browser, um das Produkt zu konfigurieren. Weitere Informationen im <https://wiki.teltonika-networks.com/>

**[DK]** Instruktionsbog: Tilslut strømadapteren for at tænde for enheden. Åbn 192.168.1.1 i en webbrowser til at konfigurere produktet. Mere information i <https://wiki.teltonika-networks.com/>

**[EE]** Kasutusjuhend: Ühendage toiteadapter seadme sisselülitamiseks. Avatud 192.168.1.1 in veebilehitseja seadistada toodet. Rohkem teavet <https://wiki.teltonika-networks.com/>

**[ES]** Manual de instrucciones: Conecte el adaptador de alimentación para encender la unidad. Abra 192.168.1.1 en un navegador web para configurar el producto. Más información en <https://wiki.teltonika-networks.com/>

**[FI]** Käyttöohje: Kytke virtalähde päälle laitteen. Avaa 192.168.1.1 in selaimen määräättää tuotteen. Lisää tietoa <https://wiki.teltonika-networks.com/>

**[FR]** Mode d'emploi: Connectez l'adaptateur d'alimentation pour allumer l'appareil. Ouvrez 192.168.1.1 dans un navigateur Web pour configurer le produit. Plus d'informations dans <https://wiki.teltonika-networks.com/>

**[GR]** εγχειρίδιο οδηγών: Συνδέστε τον προσαρμογέα τροφοδοσίας για να ενεργοποιήσετε τη μονάδα. Ανοίξτε 192.168.1.1 σε ένα πρόγραμμα περιήγησης στο Web για να διαμορφώσετε το προϊόν. Περισσότερες πληροφορίες στο <https://wiki.teltonika-networks.com/>

**[HU]** Használati utasítás: Csatlakoztassa a hálózati adaptert a készülék bekapcsolásához. Megnyitása 192.168.1.1 egy webböngészőben beállítani a terméket. Több információ <https://wiki.teltonika-networks.com/>

**[IT]** Manuale di istruzioni: Collegare l'adattatore di alimentazione per accendere l'unità. Aprire 192.168.1.1 in un browser Web per configurare il prodotto. Maggiori informazioni in <https://wiki.teltonika-networks.com/>

**[LT]** Naudojimosi instrukcija: Prijunkite maitinimo adapterį, įjunkite įrenginį. Interneto naršyklėje atidarykite adresą 192.168.1.1 - galite konfigūruoti gaminį. Daugiau informacijos rasite <https://wiki.teltonika-networks.com/>

**[LV]** Lietošanas instrukcija: Pievienojiet Strāvas adapteri, lai ieslēgtu ierīci. Atvērt 192.168.1.1 ar interneta pārlūku, lai konfigurētu produktu. Plašāka informācija <https://wiki.teltonika-networks.com/>

**[NL]** Handleiding: Sluit voedingsadapter aan op het apparaat in te schakelen. Open 192.168.1.1 in een webbrowser om het product te configureren. Meer informatie in <https://wiki.teltonika-networks.com/>

**[NO]** Bruksanvisningen: Koble strømadapteren for å slå på enheten. Åpne 192.168.1.1 i en netleser for å konfigurere produktet. Mer informasjon på <https://wiki.teltonika-networks.com/>

**[PL]** Instrukcja obsługi: Podłącz adapter zasilania, aby włączyć urządzenie. Otwórz 192.168.1.1 w przeglądarce internetowej, aby skonfigurować urządzenie. Więcej informacji w <https://wiki.teltonika-networks.com/>

**[PT]** Manual de instruções: Conecte o adaptador de alimentação para ligar o aparelho. Abra 192.168.1.1 em um navegador da web para configurar o produto. Mais informações em <https://wiki.teltonika-networks.com/>

**[RO]** Instrucțiuni de utilizare: Conectați adaptorul de alimentare pentru a porni aparatul. Deschide 192.168.1.1 întrun browser web pentru a configura produsul. Mai multe informații în <https://wiki.teltonika-networks.com/>

**[SE]** Instruktionsmanual: Anslut nätadap tern för att slå på enheten. Öppna 192.168.1.1 i en webbläsare för att konfigurera produkten. Mer information på <https://wiki.teltonika-networks.com/>

**[SI]** Navodila: Priključite napajalnik za vklop naprave. Odprite 192.168.1.1 v spletnem brskalniku nastaviti izdelek. Več informacij v <https://wiki.teltonika-networks.com/>

**[SK]** Návozd na použitie: Pripojte napájací adaptér k zapnutiu prístroja. Otvorte 192.168.1.1 vo webovom prehliadači pre konfiguráciu produktu. Viac informácií nájdete v <https://wiki.teltonika-networks.com/>

For more information visit [www.teltonika-networks.com](http://www.teltonika-networks.com)



This sign means that all used electronic and electric equipment should not be mixed with general household waste.



This sign means that product meets the requirements of the applicable EU directives.