TELTONIKA | Networks

TRB145
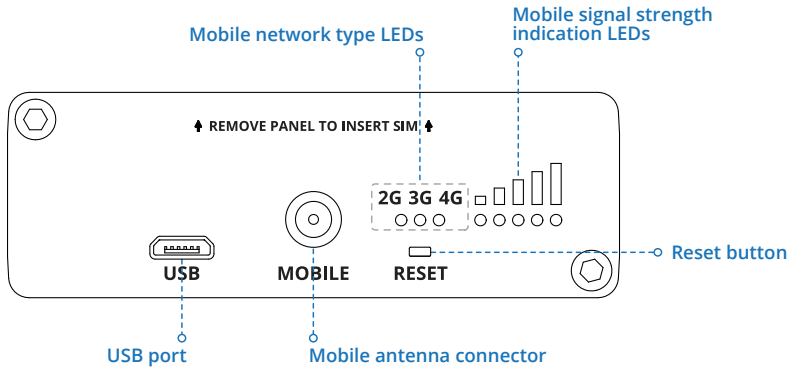
Quick Start Guide v2.5

QUALITY SYSTEM CERTIFICATION
DNV·GL
ISO 9001

QUALITY SYSTEM CERTIFICATION
DNV·GL
ISO 14001

QUALITY SYSTEM CERTIFICATION
DNV·GL
ISO 45001

FRONT VIEW

Power socket

RS485 interface

Power LED

POWER

RS485

BACK VIEW

Mobile network type LEDs

Mobile signal strength
indication LEDs

↕ REMOVE PANEL TO INSERT SIM ↕

2G 3G 4G

Reset button

USB

MOBILE

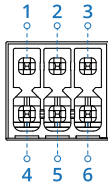RESET

USB port
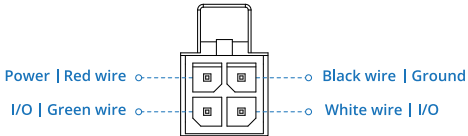
Mobile antenna connector

TELTONIKA | Networks
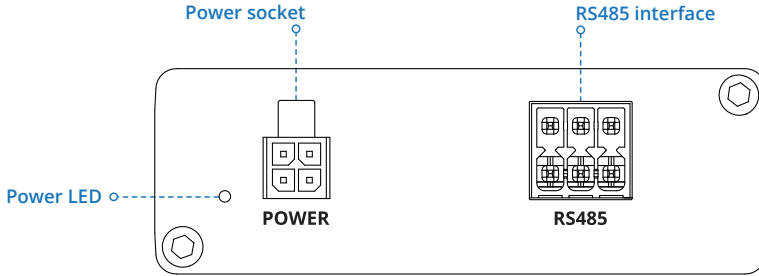
DB9 CONNECTOR PINOUT

1. Driver negative signal (D-).
2. Receiver negative signal (R-).
3. Ground (GND).
4. Driver positive (D+).
5. Receiver positive signal (R+).
6. Power input 9-30 VDC (Vin).

POWER SOCKET PINOUT

Power | Red wire -------- Black wire | Ground
I/O | Green wire -------- White wire | I/O
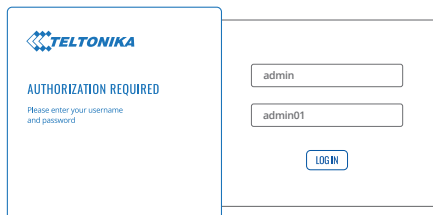
HARDWARE INSTALLATION

1. Unscrew two back panel hex bolts and remove the back panel.
2. Insert your SIM card into the SIM socket.
3. Attach the panel and tighten the hex bolts.
4. Attach the mobile antenna (max torque 0.4 N·m / 3.5 lbf·in) and connect the USB cable.

REMOVE PANEL TO INSERT SIM

USB   MOBILE   2G 3G 4G   RESET
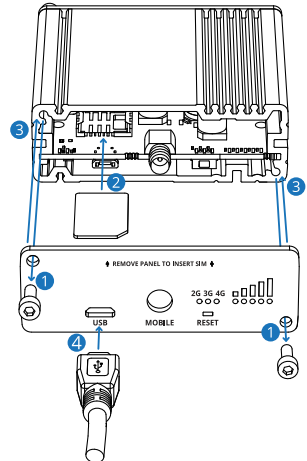
DEVICE CONFIGURATION

1. Power on the device and connect the USB cable to your computer.
2. Allow the gateway to boot up. This might take up to 30 seconds.
3. Your computer's OS should detect the USB device and install the driver.
4. To enter the gateway's Web interface (WebUI), type **http://192.168.2.1** into the URL field of your Internet browser.
5. Use login information shown in image A when prompted for authentication.
6. After logging in pay attention to the Signal Strength indication displayed in the Mobile widget (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.

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AUTHORIZATION REQUIRED

Please enter your username and password

admin

admin01

LOGIN

B.

MOBILE	-50 dBm
Data connection	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
Max RF power	33 dBm@GSM, 24 dBm@WCDMA, 23 dBm@LTE
Bundled accessories specifications*	
Power adapter	Input: 0.4 A@100-240 VAC, Output: 9 VDC, 0.5 A, 4-pin plug
Mobile antenna	699~868 / 1850~2690 MHz, 50 Ω, VSWR<3, gain** 1 dBi, omnidirectional, SMA male 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.

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SAFETY INFORMATION

TRB145 gateway 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.

[BG] Bulgarian	С настоящето, TELTONIKA NETWORKS декларира, че TRB145 е в съответствие със съществените изисквания и другитеприложими разпоредби на Директива 2014/53/EU.
[HR] Croatian	Ovim TELTONIKA NETWORKS izjavljuje da je ovaj TRB145 u skladu s bitnim zahtjevima i ostalim relevantnim odredbama Direktive 2014/53/EU.
[CZ] Czech	TELTONIKA NETWORKS tímto prohlašuje, že TRB145 splňuje základní požadavky a všechna příslušná ustanoveni Směrnice 2014/53/EU.
[DK] Danish	Undertegnede TELTONIKA NETWORKS erklærer herved, at følgende udstyr TRB145 overholder de væsentlige krav og øvrige relevante krav i direktiv 2014/53/EU.
[NL] Dutch	Hierbij verklaart TELTONIKA NETWORKS dat het toestel l TRB145 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2014/53/EU.
[EN] English	Hereby, TELTONIKA NETWORKS declares that this TRB145 is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.
[EE] Estonian	Käesolevaga kinnitab TELTONIKA NETWORKS seadme TRB145 vastavust direktiivi 2014/53/EU põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
[FI] Finish	TELTONIKA NETWORKS vakuuttaa täten että TRB145 tyyppinen laite on direktiivin 2014/53/EU oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
[FR] French	TELTONIKA NETWORKS déclare que cette TRB145 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2014/53/EU.
[DE] German	Spoločnosť TELTONIKA NETWORKS týmto vyhlasuje, že smerovač TRB145 je v súlade so základnými požiadavkami a ďalšími príslušnými ustanoveniami smernice 2014/53/EU.
[GR] Greek	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Ο ΚΑΤΑΣΚΕΥΑΣΤΗΣ TELTONIKA NETWORKS ΔΗΛΩΝΕΙ ΟΤΙ TRB145 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2014/53/EU.
[HU] Hungarian	A TELTONIKA NETWORKS ezzennel kijelenti, hogy a TRB145 típusú berendezés teljesíti az alapvető követelményeket és más 2014/53/EU irányelvben meghatározott vonatkozó rendelkezéseket.
[IE] Irish	Leis seo, dearbhaíonn TELTONIKA NETWORKS go gcomhlíonann an TRB145 seo bunriachtanais agus forálacha ábhartha eile Threoir 2014/53/EU.
[IT] Italian	Con la presente, TELTONIKA NETWORKS dichiara che questo TRB145 è conforme ai requisiti essenziali e ad altre disposizioni pertinenti della Direttiva 2014/53/EU.
[LV] Latvian	Ar šo TELTONIKA NETWORKS deklarē, ka TRB145 atbilst Direktīvas 2014/53/EU būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
[LT] Lithuanian	Šiuo dokumentu UAB TELTONIKA NETWORKS deklaruoja, kad šis TRB145 atitinka esminius reikalavimus ir kitas 2014/53/EU Direktyvos nuostatas.
[MT] Maltese	Hawnhekk, TELTONIKA NETWORKS tiddikjara li dan l-TRB145 huwa konformi mar-rekwiżiti essenzjali u dispożizzjonijiet rilevanti oħra tad-Direttiva 2014/53/EU.
[NO] Norwegian	TELTONIKA NETWORKS Erklærer herved at TRB145 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 2014/53/EU.
[PL] Polish	Niniejszym TELTONIKA NETWORKS deklaruje że TRB145 jest zgodny z zasadniczymi wymaganiami i innymi właściwymi postanowieniami Dyrektywy 2014/53/EU.
[PT] Portuguese	Eu, TELTONIKA NETWORKS declaro que o TRB145 cumpre os requisitos essenciais e outras provisões relevantes da Directiva 2014/53/EU.
[RO] Romanian	Prin prezenta, TELTONIKA NETWORKS declară că aparatul TRB145 este în conformitate cu cerințele esențiale și cu alte prevederi pertinente ale Directivei 2014/53/EU.
[SK] Slovak	Spoločnosť TELTONIKA NETWORKS týmto vyhlasuje, že smerovač TRB145 je v súlade so základnými požiadavkami a ďalšími príslušnými ustanoveniami smernice 2014/53/EU.
[SI] Slovenian	TELTONIKA NETWORKS izjavlja, da je ta TRB145 v skladu z bistvenimi zahtevami in drugimi relevantnimi določili direktive 2014/53/EU.
[ES] Spanish	Por la presente, TELTONIKA NETWORKS declara que este TRB145 cumple con los requisitos esenciales y otras exigencias relevantes de la Directiva 2014/53/EU.
[SE] Swedish	Härmed intygar TELTONIKA NETWORKS att denna TRB145 är i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 2014/53/EU.

The full text of the EU declaration of conformity is available at the following Internet address: https://wiki.teltonika-networks.com/view/TRB145_CE/RED

[BG] Инструкция: Свържете адаптера на захранване, за да включите устройството. Отворете 192.168.2.1 в уеб браузър, за да настроите продукта. Повече информация в https://wiki.teltonika-networks.com/

[HR] Upute za uporabu: Priključite napajanje. Otvorite 192.168.2.1 u svom internet pregledniku kako biste konfigurirali uređaj. Više informacija na https://wiki.teltonika-networks.com

[CZ] Návod k použití: Připojte napájecí adaptér k zapnutí přístroje. Otevřete 192.168.2.1 ve webovém prohlížeči pro konfiguraci produktu. Více informací najdete v https://wiki.teltonika-networks.com/

[DK] Instruktionsbog: Tilslut strømadapteren for at tænde for enheden. Åbn 192.168.2.1 i en webbrowser til at konfigurere produktet. Mere information i https://wiki.teltonika-networks.com/

[NL] Handleiding: Sluit voedingsadapter aan op het apparaat in te schakelen. Open 192.168.2.1 in een webbrowser om het product te configureren. Meer informatie in https://wiki.teltonika-networks.com/

[EN] Instruction Manual: Connect the power adapter to turn on the device. Open 192.168.2.1 in your web browser to configure it. More information on https://wiki.teltonika-networks.com/

[EE] Kasutusjuhend: Ühendage toiteadapter seadme sisselülitamiseks. Avatud 192.168.2.1 in veebilehitseja seadistada toodet. Rohkem teavet https://wiki.teltonika-networks.com/

[FI] Käyttöohje: Kytke virtalähde päälle laitteen. Avaa 192.168.2.1 in selaimen määrittää tuotteen. Lisää tietoa https://wiki.teltonika-networks.com/

[FR] Mode d'emploi: Connectez l'adaptateur d'alimentation pour allumer l'appareil. Ouvrez 192.168.2.1 dans un navigateur Web pour configurer le produit. Plus d'informations dans https://wiki.teltonika-networks.com/

[DE] Bedienungsanleitung: Verbinden Sie das Netzteil, um das Gerät einzuschalten. Öffnen Sie 192.168.2.1 in einem Web Browser, um das Produkt zu konfigurieren. Weitere Informationen im https://wiki.teltonika-networks.com/

[GR] εγχειρίδιο οδηγιών: Συνδέστε τον προσαρμογέα τροφοδοσίας για να ενεργοποιήσετε τη μονάδα. Ανοίξτε 192.168.2.1 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 192.168.2.1 egy webböngészőben beállítani a terméket. Több információ https://wiki.teltonika-networks.com/

[IE] Lámhleabhar Treoracha: Ceangail an t-adapter cumhachta chun an gléas a chasadh air. Oscail 192.168.2.1 i do bhrabhsálaí gréasáin chun é a chumrú. Tuilleadh eolais ar https://wiki.teltonika-networks.com

[IT] Manuale di istruzione: collegare l'adattatore di alimentazione per accendere il dispositivo. Apri 192.168.2.1 nel tuo browser web per configurarlo. Maggiori informazioni su https://wiki.teltonika-networks.com

[LV] Lietošanas instrukcija: Pievienojiet Strāvas adapteri, lai ieslēgtu ierīci. Atvērt 192.168.2.1 ar interneta pārluku, lai konfigurētu produktu. Plašāka informācija https://wiki.teltonika-networks.com/

[LT] Naudojimosi instrukcija: Prijunkite maitinimo adapterį, įjunkite įrenginį. Interneto naršyklėje atidarykite adresą 192.168.2.1 - galite konfigūruoti gaminį. Daugiau informacijos rasite https://wiki.teltonika-networks.com/

[MT] Manwal tal-Istruzzjoni: Qabbad l-adapter tal-enerġija biex tixgħel l-apparat. Iftaħ 192.168.2.1 fil-web browser tiegħek biex tikkonfigurah. Aktar informazzjoni dwar https://wiki.teltonika-networks.com/

[NO] Bruksanvisningen: Koble strømadapteren for å slå på enheten. Åpne 192.168.2.1 i en nettleser for å konfigurere produktet. Mer informasjon på https://wiki.teltonika-networks.com/

[PL] Instrukcja obsługi: Podłącz adapter zasilania, aby włączyć urządzenie. Otwórz 192.168.2.1 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 192.168.2.1 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 192.168.2.1 întrun browser web pentru a configura produsul. Mai multe informații în https://wiki.teltonika-networks.com/

[SK] Návod na použitie: Pripojením napájacieho adaptéra zapnite zariadenie. Otvorte vo svojom webovom prehliadači stránku s IP adresou 192.168.2.1 a nakonfigurujte ho. Viac informácií na https://wiki.teltonika-networks.com

[SI] Navodila: Priključite napajalnik za vklop naprave. Odprite 192.168.2.1 v spletnim brskalniku nastaviti izdelek. Več informacij v https://wiki.teltonika-networks.com/

[ES] Manual de instrucciones: Conecte el adaptador de alimentación para encender la unidad. Abra 192.168.2.1 en un navegador web para configurar el producto. Más información en https://wiki.teltonika-networks.com/

[SE] Instruktionsmanual: Anslut nätadap tern för att slå på enheten. Öppna 192.168.2.1 i en webbläsare för att konfigurera produkten. Mer information på https://wiki.teltonika-networks.com/

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

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