

Template:Networking tsw101 first start safety information

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Technical information

Technical specifications

Input voltage range	9 - 30 V
Max power consumption (no PoE devices connected)	<2.2 W
Max PoE power budget at PSE*	60 W
Max Ethernet cable length	100 m

* Depends on connected power source. (30 W (max.) @ 12 VDC for total PD consumption; 30 W (max.) for each PoE port ; 60 W (max.) @ 24 VDC for total PD consumption; 30 W (max.) for each PoE port).

PoE standards





This device uses PoE alternative A.













The difference between PoE alternative A and alternative B

Alternative A:

802.3af and 802.3at Alternative A connection. The power sourcing equipment applies a positive voltage to pins 1-2 and a negative voltage to pins 3-6.

802.3af/at Alternative A:

















Pins at switch	T568A Color	T568B Color	10/100 Alternative A, mixed DC & data	1000 (1 gigabit) Alternative A, DC & bi-data
Pin 1	 white/green stripe	 white/orange stripe	Rx + DC +	TxRx A DC +
Pin 2	 green solid	 orange solid	Rx - DC +	TxRx A DC +

Pin 3	 white/orange stripe	 white/green stripe	Tx +	DC -	TxRx B +	DC -
Pin 4	 blue solid	 blue solid	Unused	Unused	TxRx C +	
Pin 5	 white/blue stripe	 white/blue stripe	Unused	Unused	TxRx C -	
Pin 6	 orange solid	 green solid	Tx -	DC -	TxRx B -	DC -
Pin 7	 white/brown stripe	 white/brown stripe	Unused	Unused	TxRx D +	
Pin 8	 brown solid	 brown solid	Unused	Unused	TxRx D -	

Alternative B:

802.3af and 802.3at Alternative B connection. The power sourcing equipment applies a positive voltage to pins 4-5 and a negative voltage to pins 7-8.

802.3af/at Alternative B:

Pins at switch	T568A Color	T568B Color	10/100 Alternative B, DC on spares	1000 (1 gigabit) Alternative B, DC & bi-data	
Pin 1	 white/green stripe	 white/orange stripe	Rx +	TxRx A +	
Pin 2	 green solid	 orange solid	Rx -	TxRx A -	
Pin 3	 white/orange stripe	 white/green stripe	Tx +	TxRx B +	
Pin 4	 blue solid	 blue solid	DC +	TxRx C +	DC +
Pin 5	 white/blue stripe	 white/blue stripe	DC +	TxRx C -	DC +
Pin 6	 orange solid	 green solid	Tx -	TxRx B -	
Pin 7	 white/brown stripe	 white/brown stripe	DC -	TxRx D +	DC -
Pin 8	 brown solid	 brown solid	DC -	TxRx D -	DC -

Safety information

The TSW101 switch 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 {{name}} is in compliance with the essential requirements and other relevant provisions of Directive CE/RED.
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[BF] Bulgarian	С настоящето, TELTONIKA декларира, че {{{name}}} е в съответствие със съществените изисквания и другите приложими разпоредби на Директива CE/RED.
[CZ] Czech	TELTONIKA tímto prohlašuje, že {{{name}}} splňuje základní požadavky a všechna příslušná ustanovení Směrnice CE/RED.
[DE] German	Hiermit erklärt TELTONIKA dass sich das Gerät {{{name}}} 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 {{{name}}} overholder de væsentlige krav og øvrige relevante krav i direktiv CE/RED.
[EE] Estonian	Käesolevaga kinnitab TELTONIKA seadme {{{name}}} vastavust direktiivi CE/RED põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
[ES] Spanish	Por la presente, TELTONIKA declara que este {{{name}}} cumple con los requisitos esenciales y otras exigencias relevantes de la Directiva CE/RED.
[FI] Finnish	TELTONIKA vakuuttaa täten että {{{name}}} tyyppinen laite on direktiivin CE/RED oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
[FR] French	TELTONIKA déclare que cette {{{name}}} 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 {{{name}}} ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ CE/RED.
[HU] Hungarian	A TELTONIKA ezzennel kijelenti, hogy a {{{name}}} típusú berendezés teljesíti az alapvető követelményeket és más CE/RED irányelvben meghatározott vonatkozó rendelkezéseket.
[IT] Italian	Con la presente TELTONIKA dichiara che questo {{{name}}} è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva CE/RED.
[LT] Lithuanian	Šiuo dokumentu UAB TELTONIKA deklaruoja, kad šis {{{name}}} atitinka esminius reikalavimus ir kitas CE/RED Direktyvos nuostatas.
[LV] Latvian	Ar šo TELTONIKA deklarē, ka {{{name}}} atbilst Direktīvas CE/RED būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
[NL] Dutch	Hierbij verklaart TELTONIKA dat het toestel l {{{name}}} in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn CE/RED.
[NO] Norwegian	TELTONIKA Erklærer herved at {{{name}}} er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv CE/RED.
[PL] Polish	Niniejszym TELTONIKA deklaruje że {{{name}}} jest zgodny z zasadniczymi wymaganiami i innymi właściwymi postanowieniami Dyrektywy CE/RED.
[PT] Portuguese	Eu, TELTONIKA declaro que o {{{name}}} cumpre os requisitos essenciais e outras provisões relevantes da Directiva CE/RED.
[RO] Romanian	Prin prezenta, TELTONIKA declară că aparatul {{{name}}} este în conformitate cu cerințele esențiale și cu alte prevederi pertinente ale Directivei CE/RED.
[SE] Swedish	Härmed intygar TELTONIKA att denna {{{name}}} är i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv CE/RED.
[SI] Slovenian	TELTONIKA izjavlja, da je ta {{{name}}} v skladu z bistvenimi zahtevami in drugimi relevantnimi določili direktive CE/RED.

The full text of the EU declaration of conformity is available at this Wiki via the following address:
https://wiki.teltonika-networks.com/view/{{{name}}}_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] Инструкция: Свържете 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 määrittää tuotteen. Lisää tietoa <https://wiki.teltonika-networks.com>

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

[GR] εγχειρίδιο οδηγιών: 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>

