

# QSG TSW114

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This Wiki page contains the online version of the **Quick Start Guide (QSG)** for the **TSW114 Ethernet switch**. Here you will find an overview of the various components on the front and back of a TSW114 device, hardware installation instructions, first login information, device specifications, and general safety information. It is highly recommended to acquaint yourself with the Quick Start Guide before using the device. You can also locate a printed version of the Quick Start Guide in the packaging box of your device.



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## Safety information

Before starting operating the device, please review recommendations and precautions to minimize the possibility of accidents. Safety precautions presented are supplementary and subject to the local safety regulations. When various operations are executed on the device, the user must fully follow the safety instructions and recommendations provided with the device.

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## General

### Technical specifications

Input voltage range      9 - 30 VDC

Max power consumption 2.3 W

Bundled accessories specifications\*

Power adapter            Input: 0.45 A@100-240 VAC, Output: 9 VDC, 1 A, 2-pin plug

\* Order code dependant.

TSW114 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.

## CE Declaration of Conformity

<b>[BG] Bulgarian</b>	С настоящето, TELTONIKA NETWORKS декларира, че TSW114 е в съответствие със съществените изисквания и другите приложими разпоредби на Директива 2014/30/EU, 2014/35/EU.
<b>[HR] Croatian</b>	Ovim TELTONIKA NETWORKS izjavljuje da je ovaj TSW114 u skladu s bitnim zahtjevima i ostalim relevantnim odredbama Direktive 2014/30/EU, 2014/35/EU.
<b>[CZ] Czech</b>	TELTONIKA NETWORKS tímto prohlašuje, že TSW114 splňuje základní požadavky a všechna příslušná ustanovení Směrnice 2014/30/EU, 2014/35/EU.
<b>[DK] Danish</b>	Undertegnede TELTONIKA NETWORKS erklærer herved, at følgende udstyr TSW114 overholder de væsentlige krav og øvrige relevante krav i direktiv 2014/30/EU, 2014/35/EU.
<b>[NL] Dutch</b>	Hereby, TELTONIKA NETWORKS declares that this TSW114 is in compliance with the essential requirements and other relevant provisions of Directive 2014/30/EU, 2014/35/EU.
<b>[EE] Estonian</b>	Käesolevaga kinnitab TELTONIKA NETWORKS seadme TSW114 vastavust direktiivi 2014/30/EU, 2014/35/EU põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
<b>[FI] Finnish</b>	TELTONIKA NETWORKS vakuuttaa täten että TSW114 tyyppinen laite on direktiivin 2014/30/EU, 2014/35/EU oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
<b>[FR] French</b>	TELTONIKA NETWORKS déclare que cette TSW114 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2014/30/EU, 2014/35/EU.
<b>[DE] German</b>	Hiermit erklärt TELTONIKA NETWORKS, dass dieser TSW114 den grundlegenden Anforderungen und anderen relevanten Bestimmungen der Richtlinie 2014/30/EU, 2014/35/EU entspricht.
<b>[GR] Greek</b>	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Ο ΚΑΤΑΣΚΕΥΑΣΤΗΣ TELTONIKA NETWORKS ΔΗΛΩΝΕΙ ΟΤΙ ΤΣW114 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2014/30/EU, 2014/35/EU.
<b>[HU] Hungarian</b>	A TELTONIKA NETWORKS ezzennel kijelenti, hogy a TSW114 típusú berendezés teljesíti az alapvető követelményeket és más 2014/30/EU, 2014/35/EU irányelvben meghatározott vonatkozó rendelkezéseket.
<b>[IE] Irish</b>	Leis seo, dearbhaíonn TELTONIKA NETWORKS go gcomhlíonann an TSW114 seo bunriachtanais agus forálacha ábhartha eile Threoir 2014/30/EU, 2014/35/EU.
<b>[IT] Italian</b>	Con la presente, TELTONIKA NETWORKS dichiara che questo TSW114 è conforme ai requisiti essenziali e ad altre disposizioni pertinenti della Direttiva 2014/30/EU, 2014/35/EU.
<b>[LV] Latvian</b>	Ar šo TELTONIKA NETWORKS deklarē, ka TSW114 atbilst Direktīvas 2014/30/EU, 2014/35/EU būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
<b>[LT] Lithuanian</b>	Šiuo dokumentu UAB TELTONIKA NETWORKS deklaruoja, kad šis TSW114 atitinka esminius reikalavimus ir kitas 2014/30/EU, 2014/35/EU Direktyvos nuostatas.



## Operating conditions

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- Operating temperature: -40° to +75° Celsius
- Humidity should be in the range of 10% to 90% (non-condensing). Only use the device in dry environments.
- Out of direct sunlight
- Away from heat source, corrosive substances, salts, and flammable gases

**Attention:** operation outside the permissible range can considerably shorten the service life of the device.

## Faulty and damaged products

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- Do not attempt to disassemble the device or its accessories.
- Only qualified personnel must service or repair the device or its accessories.
- If your device or its accessories have been submerged in water punctured or subjected to a severe fall, do not use until they have been checked at an authorized service center.

## Electrical safety

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- Only use approved accessories.
- Do not connect with incompatible products or accessories.
- It is recommended to ground devices with grounding terminals before connecting them to power. Failure to ground appropriately might result in a shock hazard. The cross-sectional area of the protective grounding conductor should be at least 1mm<sup>2</sup>.

## Product handling

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- You alone are responsible for how you use your device and any consequences related to its use.
- Use of your device is subject to safety measures designed to protect users and their environment.
- Always treat your device and its accessories with care and keep it in a clean and dust-free place.
- Do not expose your device or its accessories to open flames, lit tobacco products, liquid, moisture, or high humidity.
- Do not drop, throw or try to bend your device or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your device or its accessories.
- Do not attempt to disassemble your device (exemptions for devices that require disassembly for SIM insertion) or its accessories: it does not contain any user-serviceable parts. For safety reasons, the equipment should be opened only by qualified personnel.
- Make sure to use ESD personal protective equipment while the equipment is serviced.

- Do not use your device in an enclosed environment where heat dissipation is poor.
- Prolonged use in such space may cause excessive heat and raise ambient temperature, which will lead to the automatic shutdown of your device or the disconnection of the mobile network connection for your safety. To use your device again after such a shutdown, cool it in a well-ventilated place before turning it on.
- Please check all national laws and local regulations for the disposal of electronic products.
- Do not operate the device where ventilation is restricted.
- Do not use or install this product near water to avoid fire or shock hazards.
- Avoid exposing the equipment to rain or damp areas.
- Arrange power and Ethernet cables so that they are not likely to be stepped on or have items placed on them.
- Ensure that the voltage and the rated current of the power source match the device's requirements. Do not connect the device to an inappropriate power source.
- During a thunderstorm, no operations should be carried out on the device and cables.
- The unit must be powered off where blasting is in progress and explosive atmospheres are present or near medical life support equipment.
- Do not leave your device and its accessories within reach of small children or allow them to play with it. They could hurt themselves or others and could accidentally damage the device. Your device contains small parts with sharp edges that may cause an injury choking hazard.
- Like any wireless device, this device operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless device for emergency communications or otherwise use the device in situations where the interruption of data connectivity could lead to death, personal injury, property damage, data, or other loss.
- The device may become warm during regular use.

## Front view



## Back view



## Connectors



## RJ45 LED Meaning



## Video Quick Start Guide

Need some help setting up your Teltonika Networks TSW114 Gigabit DIN rail switch? Watch our quick start guide video and follow the step-by-step instructions to easily set up your new router for operation.

## Hardware installation

