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ime TSW040 Ethernet Switch

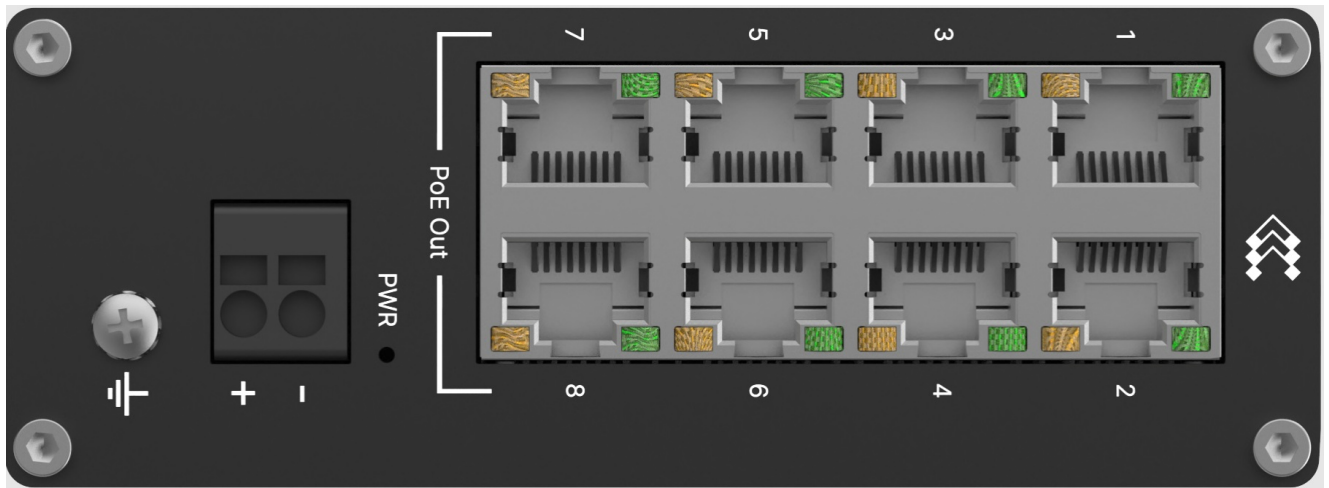


Safety information

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.



General



Technical specifications

- Input voltage range 7 – 57 VDC
- Max power consumption 2 W
- Max PoE power budget at PSE 240 W





Bundled accessories specifications*

* Order code dependent.

TSW040 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.

Markings

Detailed compliance information is available at the following internet address:

-  This sign means that it is necessary to read the User's Manual before you start using the device.
-  This sign on the package means that all used electronic and electric equipment should not be mixed with general household waste.
-  Hereby, TELTONIKA NETWORKS declares that this TSW040 is in compliance with the essential requirements and other relevant provisions of Directives 2014/30/EU, 2014/35/EU, 2011/65/EU. The full text of the EU Declaration of Conformity is available at the following internet address: <https://wiki.teltonika-networks.com/view/TSW040>.
-  Hereby, TELTONIKA NETWORKS declares that this TSW040 is in compliance with Electrical Equipment (Safety) Regulations 2016, EMC Regulations 2016, The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012. The full text of the UK Declaration of Conformity is available at the following internet address: <https://wiki.teltonika-networks.com/view/TSW040>.

Product Safety and Use

Operating conditions

- 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

- 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

- Only use approved accessories.
- Do not connect with incompatible products or accessories.

Product handling

- 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.

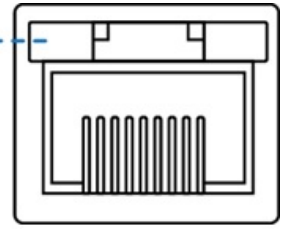
- Please check all national laws and local regulations for the disposal of electronic products.
- Do not operate the device where ventilation is restricted.
- Do not use or install this product near water to avoid fire or shock hazards.
- Avoid exposing the equipment to rain or damp areas.
- Arrange 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.

Quick Start Guide

Front view

RJ45 LED Meaning

Orange LED on: link established
10/100 Mbps
Orange LED blinking: active connection

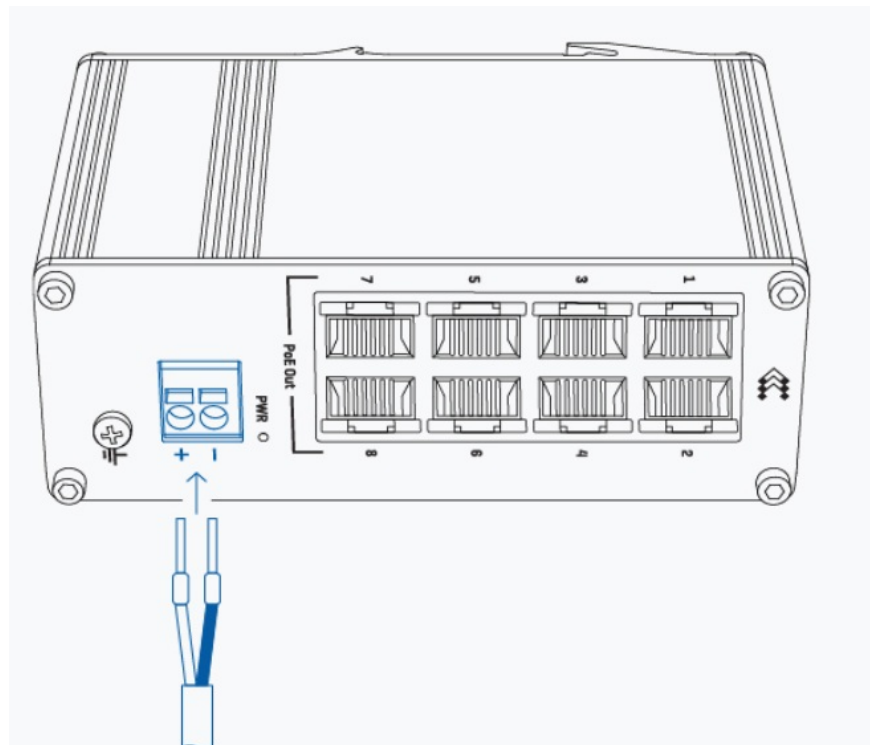


Video Quick Start Guide

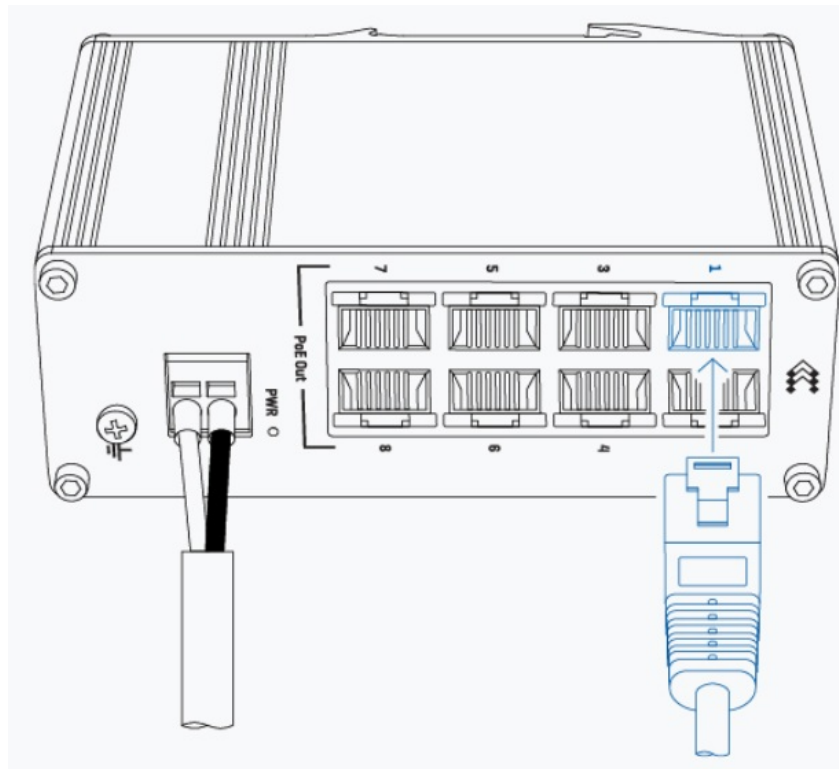
Need some help setting up your Teltonika Networks TSW040? Watch our quick start guide video and follow the step-by-step instructions to easily set up your new device for operation.

Hardware installation

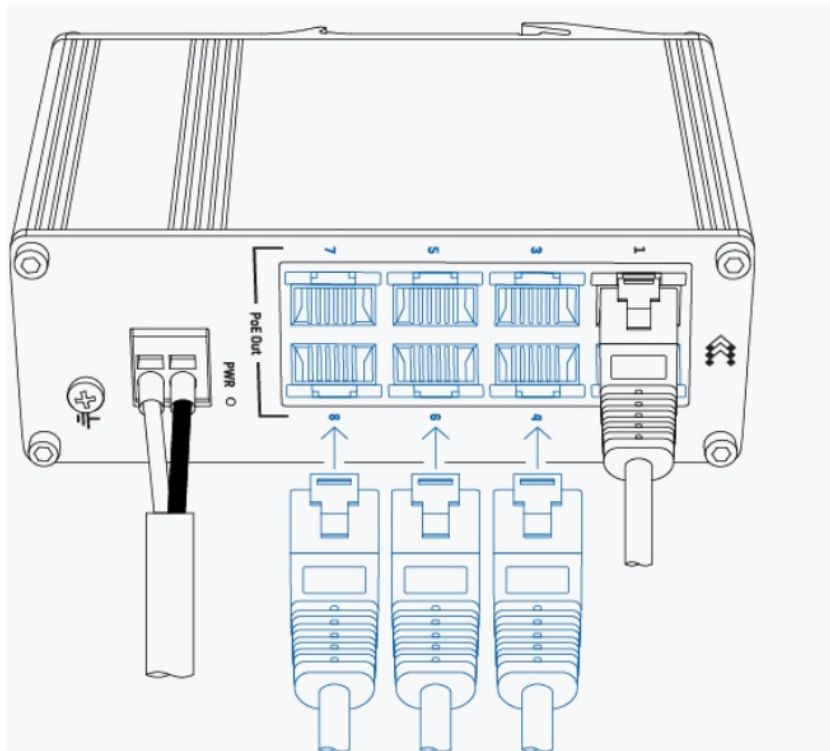
1. Connect the 2-pin connector to the power socket at the front of the device. Then plug the power adapter into an electric outlet.
- 2.



Connect your primary internet router/modem to an Ethernet port.



3. Connect the end devices to the Ethernet ports numbered 1 to 8.



Compliance

CE Declaration of Conformity

FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.”

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

ISED Canada

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science, and Economic Development Canada’s license-exempt RSS(s).

FAQ

- **Q: Where can I find the Quick Start Guide?**

A: The online version of the Quick Start Guide is available on the product’s wiki page at [here](#). You can also find a printed short version in the packaging box of the device.

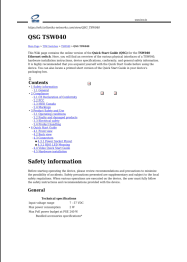
- **Q: What is the input voltage range for the TSW040?**

A: The input voltage range for the TSW040 is 7 – 57 VDC.

- **Q: What is the maximum power consumption of the TSW040?**

A: The TSW040 has a maximum power consumption of 2 W.

Documents / Resources

	ime TSW040 Ethernet Switch [pdf] Instruction Manual TSW040, TSW040 Ethernet Switch, TSW040, Ethernet Switch, Switch
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References

- [File:WEEE LOGO.png - Teltonika Networks Wiki](#)
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- [🔗 TSW040 - Teltonika Networks Wiki](#)
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💡 Ethernet Switch, ime, switch, TSW040, TSW040 Ethernet

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