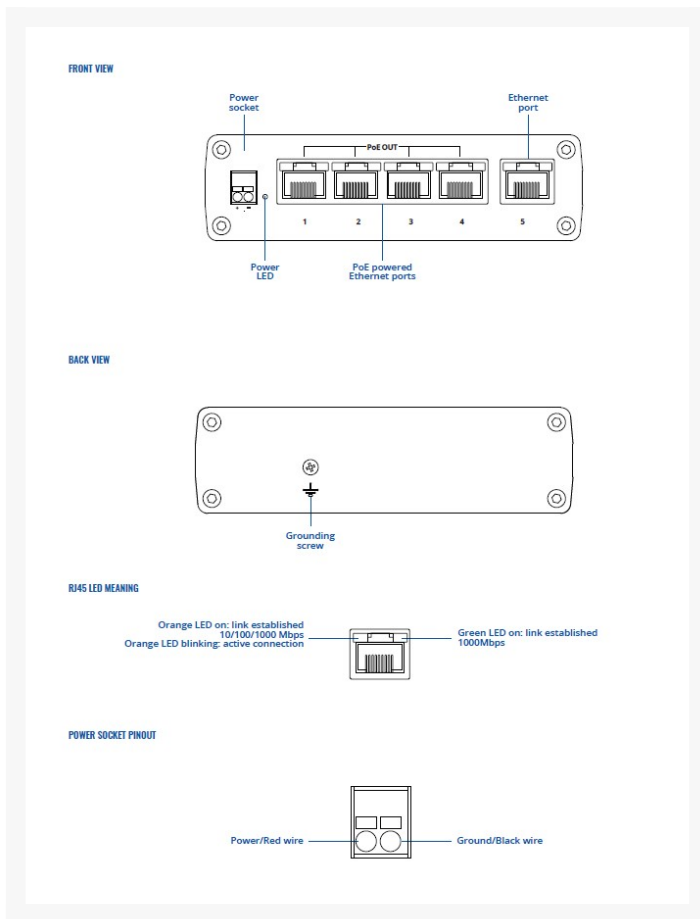




Teltonika | TSW101 | 5 Port Automotive Unmanaged Gigabit Switch with 4 Port PoE+ ** PSU not included **

Product Images





Description

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Automotive PoE+ Switch

The TSW101 is Teltonika Networks' first automotive-dedicated unmanaged switch. Equipped with five Gigabit Ethernet ports, four of which support IEEE802.3af and IEEE802.3at PoE+ standards. With a wide range of supported power supply voltages (9-30 VDC), and its compact size it can slot into many automotive applications.

Classified as a power source equipment (PSE), this device enables power supply centralization - providing up to 30 watts per single port and maximum output power of 60 watts. While also providing 10/100/1000 Mbps Ethernet ports for streamlined, high-bandwidth solutions. Ideal for providing both: in-vehicle power and an Ethernet data connection simultaneously

FEATURES

- Ethernet 5 x RJ45 ports, 10/100/1000 Mbps, compliance with IEEE 802.3, IEEE 802.3u, 802.3az standards, supports auto MDI/MDIX crossover
- PoE ports Port 1- 4
- PoE standards 802.3af and 802.3at
- PoE Max Power per Port (at PSE) 30 W

- Total PoE Power Budget (at PSE) 60 W
- Maximum Ethernet cable length 100 m

SPECIFICATIONS

- **Bandwidth:** (Non-blocking) 10 Gbps
- **Packet buffer:** 128 KB
- **MAC address table size:** 2K entries
- **Jumbo frame support:** 9216 bytes
- **Connector:** 2-pin industrial DC power socket
- **Input voltage range:** 9-30 VDC
- **Input voltage range for PoE:** 9-30 VDC
- **Power consumption Idle:** 0.64 W / Max: 2.31 W / PoE Max: 60 W
- **Ethernet:** 5 x RJ45 ports, 10/100/1000 Mbps
- **Status LEDs:** 1 x Power LED, 10 x LAN status LEDs
- **Power:** 1 x 2-pin industrial DC power socket
- **Ground:** 1 x Grounding screw
- **Casing material:** Aluminum housing
- **Dimensions:** (W x H x D) 115 x 32 x 95 mm
- **Weight:** 354 g
- **Mounting:** DIN rail or wall mounting (additional kit needed), flat surface placement
- **Operating temperature:** -40 °C to +75 °C
- **Operating humidity:** 10 % to 90 % non-condensing
- **Ingress Protection Rating:** IP30
- **Regulatory:** CE, REACH, RoHS, WEEE, CE, UKCA, FCC, IC, CB, RCM and E-Mark

CONTENTS

- TSW101
- QSG (Quick Start Guide)

ACCESSORIES (Not included)

- Power Supply Unit (REQUIRED):
 - [TT.PR2FK20M](#) | Power cable with 4-way screw terminal
 - [TT.PR2PL15B](#) | Power cable with 4-way open wire
 - [TT.PR2PD01B](#) | 4-PIN to barrel socket adapter
 - [TT.PR2AM20M](#) | Automotive 12/24V
- Mounting Options:
 - [TT.PR5MEC12](#) | Surface mounting KIT
 - [TT.PR5MEC11](#) | Compact 35mm DIN Rail KIT
 - [TT.PR5MEC00](#) | Large DIN Rail KIT

WARRANTY

2-years limited warranty

