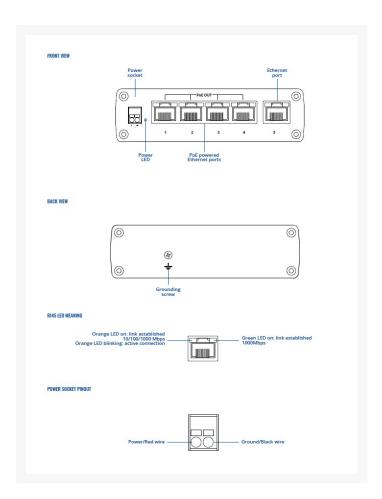


Teltonika | TSW101 | 5 Port Automotive Unmanaged Gigabit Switch with 4 Port PoE+ ** PSU not included **

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
 - o TT.PR2PL15B | Power cable with 4-way open wire
 - TT.PR2PD01B | 4-PIN to barrel socket adapter
 - o 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

