

TSW101

Teltonika 5 port Gigabit PoE Switch

Product Overview

Teltonika TSW101 5 port Gigabit PoE Switch, Supports auto MDI/MDIX crossover, Unmanaged L2, 5x 10/100/1000 Mbps RJ45 Ports, Port 1 - 4 PoE Ports, 30 W PoE Max Power per Port, 60 W total PoE Power budget, 2 - pin Industrial DC Power Socket



Specifications

Overview:

- 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.
- A wide range of supported power supply voltages (9-30 VDC), and a compact size allow it to 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.
- 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:

AUTOMOTIVE SWITCH

Ideal for in-vehicle solutions

POE+

4 x PoE+ ports with 802.3af and 802.3at support

Gigabit Ethernet

5 x Gigabit Ethernet ports with speeds of up to 1000 Mbps

INDUSTRIAL DESIGN

Rugged aluminum housing

LOW INPUT VOLTAGE

9-30 V power range for PoE

PLUG-N-PLAY

No configuration needed

Specifications:

ComX Computers

Product Specification Sheet

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Specifications

Product Code	TSW101
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INTERFACES

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
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POE

PoE ports	Port 1- 4
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PoE standards	802.3af and 802.3at
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PoE Max Power per Port (at PSE)	30 W
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Total PoE Power Budget (at PSE)	60 W
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Maximum Ethernet cable length	100 m
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PERFORMANCE SPECIFICATIONS

Bandwidth (Non-blocking)	10 Gbps
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Packet buffer	128 KB
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MAC address table size	2K entries
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Jumbo frame support	9216 bytes
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POWER

Connector	2-pin industrial DC power socket
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Input voltage range	9-30 VDC
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Input voltage range for PoE	9-30 VDC
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Power consumption	Idle: 0.64 W / Max: 2.31 W / PoE Max: 60 W
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PHYSICAL INTERFACES (PORTS, LEDS)

Ethernet	5 x RJ45 ports, 10/100/1000 Mbps
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Status LED's	1 x Power LED, 10 x LAN status LED's
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Power	1 x 2-pin industrial DC power socket
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Ground	1 x Grounding screw
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PHYSICAL SPECIFICATION

Casing material	Aluminum housing
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Dimensions (W x H x D)	115 x 32 x 95 mm
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Weight	354 g
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Mounting	DIN rail or wall mounting (additional kit needed), flat surface placement
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OPERATING ENVIRONMENT

Operating temperature	-40 degreesC to +75 degreesC
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Operating humidity	10 % to 90 % non condensing
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Ingress Protection Rating	IP30
CERTIFICATION & APPROVALS	
Regulatory	CE, REACH, RoHS, WEEE
	TSW101 CE
	TSW101 UKCA
	TSW101 FCC
	TSW101 IC
	TSW101 CB
	TSW101 RCM
	E-Mark
SAFETY	
Standards	EN IEC 62368-1:2020+A11:2020

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx-computers.co.za/TSW101-Teltonika-5-port-Gigabit-PoE-Switch-Buy-p-319557.php>

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