

TSW101

AUTOMOTIVE POE+ SWITCH



TSW101 360° VIEW

The TSW101 is a plug-and-play automotive switch dedicated to in-vehicle applications. Featuring five Gigabit Ethernet ports, including four with PoE+ support, the TSW101 can power your end devices while connecting them to the Internet. This automotive switch can be powered by 12 V or 24 V car battery, requiring no additional PSU.



AUTOMOTIVE SWITCH

Ideal for in-vehicle solutions

POE+

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

ETHERNET

5 x Gigabit Ethernet ports with up to 1000 Mbps

LOW VOLTAGE INPUT

9-30 V power range for PoE+



KEY FEATURES

HARDWARE

Powering option	2-pin power DC socket, 9-30 VDC
Power consumption	0.64 W / Max: 2.31 W / PoE Max: 112.58 W
PSU	12 V or 24 V car battery-powered. No additional PSU is required.
PoE standart	802.3af/at (max 30 W per port, total power budget 60W)
Ethernet	5 x 10/100/1000 Ethernet ports: 4 x PoE, 1 x Uplink
Status LEDs	10 x Ethernet, 1 x Power
Ingress protection rating	IP30
Operating temperature	-40 °C to 75 °C
Housing	Aluminum housing with wall or DIN rail mounting option and grounding capability
Dimensions	115 x 32 x 95 mm
Weight	354 g

PERFORMANCE SPECIFICATIONS

Bandwidth	10 Gbps
Packet buffer	128 KB
Jumbo frame support	9216 bytes
MAC address table size	2K entries
Auto MDI/ MDI-X Cable Detection	Yes

FRONT VIEW

BACK VIEW

