

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.



PLUG AND PLAY

No configuration needed

POE+

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

ETHERNET

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

INDUSTRIAL DESIGN

Rugged aluminum housing



KEY FEATURES

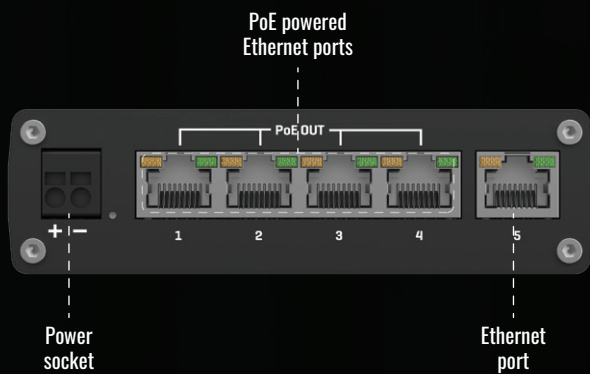
HARDWARE

Power supply	2-pin power DC socket, 9-30 VDC
Power consumption	Idle: 0.64 W / Max: 2.31 W / PoE Max: 62.3 W
PSU	12 V or 24 V car battery-powered. No additional PSU is required
Status LEDs	1 x Power LED, 10 x LAN status LEDs
PoE standards	IEEE 802.3af (PoE, Type 1) and IEEE 802.3at (PoE+, Type 2)
Ethernet	5 x RJ45 ports, 10/100/1000 Mbps, 4 x PoE Out, 1 x Uplink
IEEE 802.3 series standards	802.3i, 802.3u, 802.3ab, 802.3x, 802.3az
Ingress protection rating	IP30
Operating temperature	-40 °C to 75 °C
Housing	Anodized aluminum housing and panels
Dimensions	115 x 32 x 95 mm
Weight	384 g
Mounting options	DIN rail, wall mount, flat surface (all require additional kit)

PERFORMANCE SPECIFICATIONS

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

FRONT VIEW



BACK VIEW

