

TSW101

AUTOMOTIVE PoE+ SWITCH



TSW101 360° VIEW

// 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.



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
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

