

# 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<br>Cable Detection | Yes        |

### FRONT VIEW

### BACK VIEW

