TSW100

UNMANAGED INDUSTRIAL POE ETHERNET SWITCH

First industrial unmanaged switch from Teltonika Networks. TSW 100 is equipped with five Gigabit Ethernet ports, four of which support IEEE802.3af and IEEE802.3at Power-over-Ethernet standards (PoE). This rugged industrial switch is ideal for professional high bandwidth applications where it is necessary to provide both: reliable data connection and power supply.

5x 1Gb/s
Gigabit Ethernet with speeds up to 1000 Mbps

PoE
Power over Ethernet (RJ45) connection

Compact size for easy installation

-40 to 75°C wide operating temperature range

7-58V
Wide range of power supply voltages
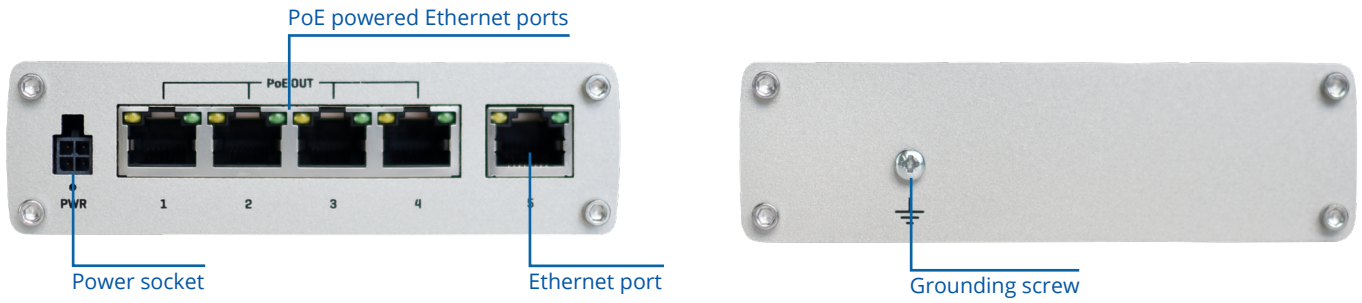
Rugged aluminium housing

PROFESSIONAL

5 PoE (RJ45) ports

PoE max power per port – 30W (at PSE)

Gigabit Ethernet

SCALABLE

Cost Efficient

Easy to Deploy

Easy to Use

INDUSTRIAL

Compact size

Multiple mounting options

Rugged aluminium housing

PoE powered Ethernet ports

Power socket

Ethernet port

Grounding screw

Hardware

Ethernet	5 x LAN ports 10/100/1000 Mbps
Power supply	7 - 58 VDC, 4 pin DC connector
Power consumption	idle: < 2 W, max: < 9 W (no PoE device connected)
PoE 802.3af/at	LAN port 1 – 4
PoE Max Power Per Port	30 W (at PSE)
Total PoE Power Budget	120 W* (at PSE)
Connectors	1 x 4 pin DC, 5 x Ethernet
Status LEDs	1 x Power, 10 x Ethernet
IP rating	IP30
Operating temperature	-40°C ... +75°C
Housing	Full aluminium with grounding screw
Weight	340 g
Dimensions (W x H x D)	115 x 32 x 95 mm
Installation	Desktop, wall or DIN Rail mountable (additional kit needed)

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

*Provided power supply only allows 60W power budget at PSE, to reach maximum 120 W power budget at PSE >130W power supply must be used.