TSW100

INDUSTRIAL UNMANAGED POE+ SWITCH

TSW100 360˚ VIEW

PLUG-N-PLAY

No additional configuration needed

MOUNTING

DIN rail and surface mounting options

POE

4 x PoE ports with 802.3af and 802.3at support

DURABILITY

Rugged aluminium housing

POWER BUDGET

Total power budget at PSE up to 120 W

ETHERNET

5 x Gigabit Ethernet with speeds up to 1000 Mbps

TSW100

PRODUCT DESCRIPTION

// TSW100 is the first industrial unmanaged switch from Teltonika Networks. TSW100 is equipped with five Gigabit Ethernet ports, four of which support IEEE802.3af and IEEE802.3at Power-over-Ethernet standards (PoE).

// Classified as power source equipment (PSE), it enables centralization of the power supply, providing up to 30 watts per port and reducing the effort for installing power. It has 10/100/1000 Mbps Ethernet ports to provide an economical high-bandwidth solution for your industrial Ethernet network.
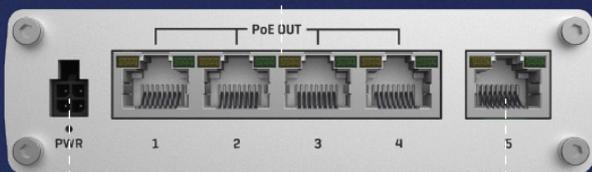
// This rugged unmanaged industrial switch is ideal for professional high bandwidth applications where it is necessary to provide both: reliable data connection and power supply.

FRONT VIEW

PoE powered Ethernet ports

Power socket

Ethernet port

BACK VIEW

Grounding screw

KEY FEATURES

HARDWARE

Power supply	4 pin power socket, 7-57 VDC*
Power consumption	Idle: < 2 W, Max: < 9 W (no PoE device connected)
PoE standard	802.3af/at (max 30 W per port, total power budget 120 W)
Ethernet	5 x 10/100/1000 Ethernet ports: 4 x PoE, 1 x Uplink
Connectors	1 x 4 pin DC, 5 x Ethernet
Status LEDs	10 x Ethernet, 1 x Power
Ingress protection rating	IP30
Operating temperature	-40 °C to 75 °C
Housing	Aluminium housing with wall or DIN rail mounting option and grounding capability
Dimensions	115 x 32 x 95 mm
Weight	340 g
Installation	Desktop, wall or DIN Rail mountable (additional kit needed)

* PoE operates properly only when connected power supply outputs 44 V or higher voltage

PERFORMANCE SPECIFICATIONS

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

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