TSW202

MANAGED POE+ SWITCH

TSW202 360° VIEW

TSW202 is the first-ever Teltonika Networks managed PoE+ switch, designed to provide granular network management capabilities while centralizing power distribution. This PoE+ switch enables flexibility over solution management and power supply and enhances M2M communication by supporting a wide range of industrial protocols, including EtherNet/IP, Profinet, and MRP. The TSW202 has 2 high-performance SFP ports for long-range fibre optic communication and 8 Gigabit Ethernet ports providing 30 W of power each.

TELTONIKA | Networks

Made in Lithuania
TELTONIKA NETWORKS UAB
K. Barsausko st. 66
LT-51436 Kaunas, Lithuania

TSW202

(44-57 VDC) + — (GND)

PoE OUT: 802.3af/at
Default IP: 192.168.1.2

MANAGED SWITCH

L2 with additional L3 features for enhanced management and control

POE+ AND SFP PORTS

8 x port PoE+ switch with 2 x SFP ports for fibre optic communication

PROFINET & MORE

Supports Profinet for automated data processing alongside other protocols, like EtherNet/IP and MRP

TSWOS

Teltonika Networks OS for switches, intuitively designed for infinite configurations

TSW202 Managed POE Switch is available in the UK from Millbeck - 01937 534914

RMS
REMOTE MANAGEMENT SYSTEM

COMPATIBLE WITH TSW202

MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

KEY FEATURES

HARDWARE

RAM	128MB, DDR3
Flash storage	16MB serial flash
Powering options	2-pin industrial DC power socket, 7 - 57 VDC
Input voltage range for PoE	44 - 57 VDC
Power consumption	Idle: < 3 W / Max: 8 W / PoE Max: 240 W
PoE standart	802.3af and 802.3at (Max 30 W per port, total power budget 240 W)
Status LEDs	1 x Power LED, 1 x Aux LED, 16 x LAN status LEDs, 2 x SFP status LEDs
Ethernet	8 x RJ45 ports, 10/100/1000 Mbps, PoE ports: Port 1 - 8
SFP	2 x SFP ports
Ingress protection rating	IP30
Operating temperature	-40 °C to 75 °C
Dimensions (W x H x D)	132 x 44.2 x 122.2 mm
Weight	610 g
Installation	Integrated DIN rail bracket, wall mounting (additional kit needed), flat surface placement

PERFORMANCE SPECIFICATIONS

Bandwidth (Non-blocking)	20 Gbps
Packet buffer	512 KB
MAC address table size	8K entries
Jumbo frame support	10000 bytes

SERVICES

Supported services	EtherNet/IP, Profinet (class B), SNMP, V2, V3, LLDP

NETWORK

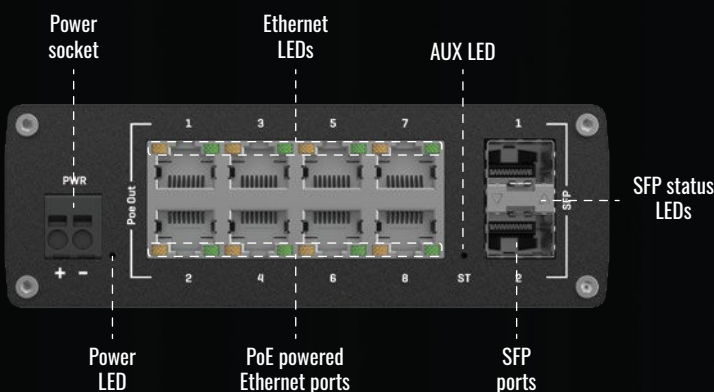|	
MRP	MRP client role, MRP manager role
L2 features	Loop protection, Forwarding table, VLAN, STP/RSTP
DHCP	DHCP server, DHCP client
Port Settings	Enable/disable, link speed control, port isolation, PoE Management, EEE (802.3az) management, Port Mirroring
L3 Features	Static IPv4 routing, static IPv6 routing, DHCPv6 client, static IPv6 address

QOS

QOS	Port priority, DSCP priority, 802.1p priority, TOS
Scheduling method	SP/WFQ/WRR
Bandwidth control	Rate limiting, storm control

DIAGNOSTICS

Tools	Cable diagnostic, ping, traceroute, nslookup

FRONT VIEW

Power socket

Ethernet LEDs

AUX LED

SFP status LEDs

Power LED

PoE powered Ethernet ports

SFP ports

BACK VIEW

Grounding screw

Reset button

Integrated DIN rail mount