

# TSW202



TSW202 360° VIEW

## MANAGED POE+ SWITCH

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.



### 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



## 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
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## 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

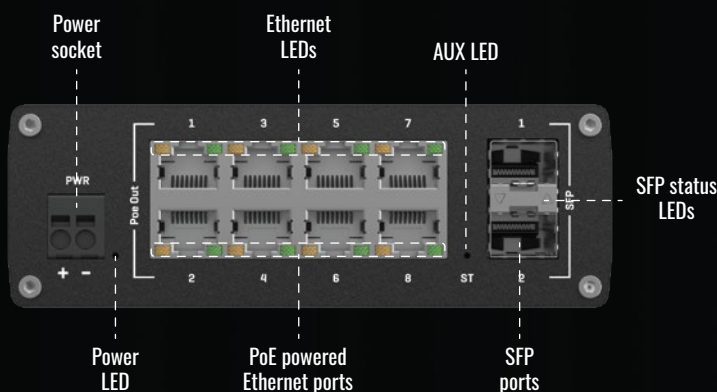
## QOS

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
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### FRONT VIEW



### BACK VIEW

