

# TSW212



TSW212 360° VIEW

## MANAGED NETWORK SWITCH

TSW212 is an L2 Teltonika Networks managed switch with additional L3 features, like DHCPv6 client support and static IPv6 routing for greater network management. This switch supports multiple industrial protocols, including EtherNet/IP, PROFINET, and MRP, and has 8 Gigabit Ethernet ports and 2 SFP ports to ensure robust long-range fibre optic communication. Encased in rugged aluminum housing, the TSW212 excels in withstanding extreme temperatures and resisting severe vibrations – all with effortless installation thanks to an integrated DIN rail mount.

Ensured by **PROFINET**



### MANAGED SWITCH

L2 with additional L3 features for advanced management capabilities

### PROFINET & MORE

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

### ETHERNET & SFP PORTS

8 x Gigabit Ethernet ports and 2 x SFP ports for fibre optic communication

### WITCHOS

Teltonika Networks OS for switches, intuitively designed for infinite configurations



## RMS

REMOTE MANAGEMENT SYSTEM

# COMPATIBLE WITH TSW212

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
Power consumption	Idle: < 2.5 W / Max: 6 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
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	615 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, EEE (802.3az) management, Port Mirroring
L3 Features	Static IPv4 routing, static IPv6 routing, DHCPv6 client, static IPv6 address

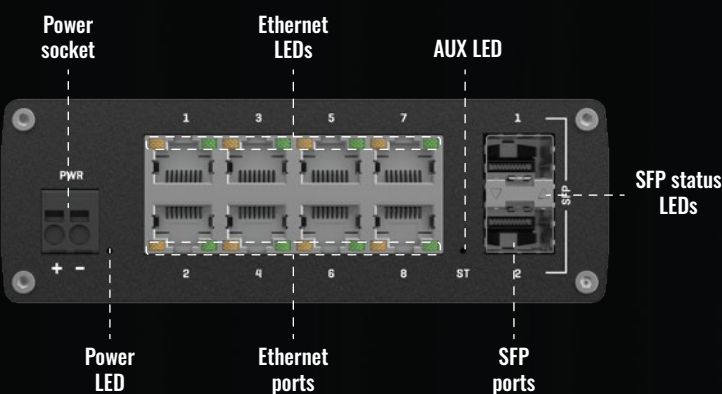
## QOS

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

