TSW212

MANAGED NETWORK SWITCH

TSW212 360° VIEW

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**

P R O F I N E T

TELTONIKA | Networks

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

TSW212

(7-57 VDC) + ⊟ - (GND)

Default IP: 192.168.1.2

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

RESET

PWR

1 3 5 7

1

+ –

2 4 6 8   ST   2

SFP

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 ETH 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
Mounting options	Integrated DIN rail bracket, wall mount, flat surface (additional kit needed)

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 Management

NETWORK

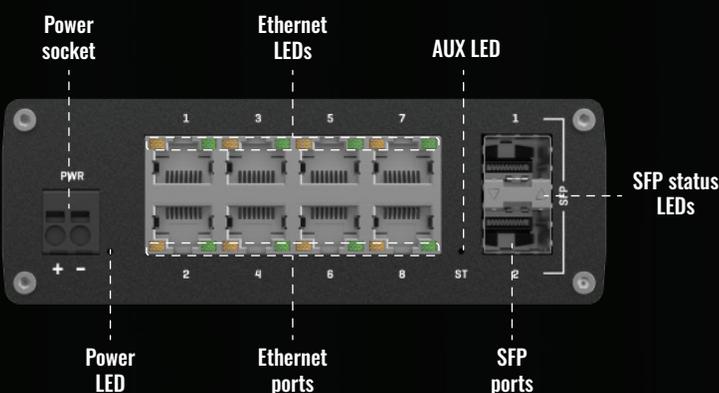|	
MRP	MRP client role, MRP manager role
L2 features	Loop protection, Forwarding table, VLAN, STP/RSTP
DHCP	DHCP server, DHCP client, DHCP static leases capable of using MAC with wildcards
Port Settings	Enable/disable, link speed control, port isolation, EEE (802.3az) management, Port Mirroring
L3 Features	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

———— FRONT VIEW ————

Power socket — Ethernet LEDs — AUX LED — SFP status LEDs — Power LED — Ethernet ports — SFP ports

———— BACK VIEW ————

Grounding screw — Reset button — Integrated DIN rail mount