

# TSW202

## PoE+ MANAGED SWITCH

// TSW202 is the first-ever managed industrial switch from Teltonika Networks, giving you greater control over how data flows through your network and the role its ports perform in your solution. Define their settings, routing, port mirroring, and more with simplicity and ease.

// PoE+ with 30 W max power per port and 240 W total PSE makes the TSW202 centralize your power supply. PoE Management gives you more control over the power distribution of your solution, letting you turn PoE on or off on selected ports.

// The switch is equipped with 8 Gigabit Ethernet VLAN ports, allowing for management, configuration, and monitoring of your network. Additional software features like QoS enhance effective bandwidth management and network traffic classifying and prioritizing.

// Designed for industrial environments, the TSW202 features an integrated DIN rail bracket, rugged aluminum housing, and extreme temperature and vibration resistance for maximum durability with ease of installation.



### MANAGED SWITCH

Greater control over your data flow and port settings

### PoE+

8 x PoE ports with 802.3af and 802.3at support

### SFP

2 x SFP ports for long-range fiber-optic communication

### GIGABIT ETHERNET

Greater control over your data flow and port settings



# KEY FEATURES

## HARDWARE

Powering options	2-pin industrial DC power socket, 7 - 57 VDC
Input voltage range for PoE	44 - 57 VDC
Power consumption	Idle: 0.3 W / Max: 0.9 W
PoE standart	802.3af and 802.3at (Max 30 W per port, total power budget 240 W)
Status LEDs	1 x Power LED, 16 x LAN status LEDs, 2x 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 mm
Weight	520 g
Installation	Integrated DIN rail bracket or 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

Energy Efficient Ethernet (IEEE 802.3az) compliant	Yes
Priority queuing	SP/WFQ/WRR
Port-based VLANs	Yes
Link Aggregation/Port Trunking	Yes
Number of Static Manual LAGs and # of members	8/8
IGMP snooping (v1, v2, and v3)	Yes
Supported Multicast groups	512
DHCP client	Yes
Port Mirroring	Yes
STP/RSTP	Yes
Cable diagnostic	Yes
PoE Management	Yes
Port Settings	Yes
Port isolation	Yes
Static routing	Yes

## QOS

Rate Limiting	Yes
DSCP	Yes
IEEE 802.1p COS	Yes
TOS	Yes
WRR (Weighted Round Robin)	Yes
Strict Priority queue technology	Yes

FRONT VIEW

BACK VIEW

