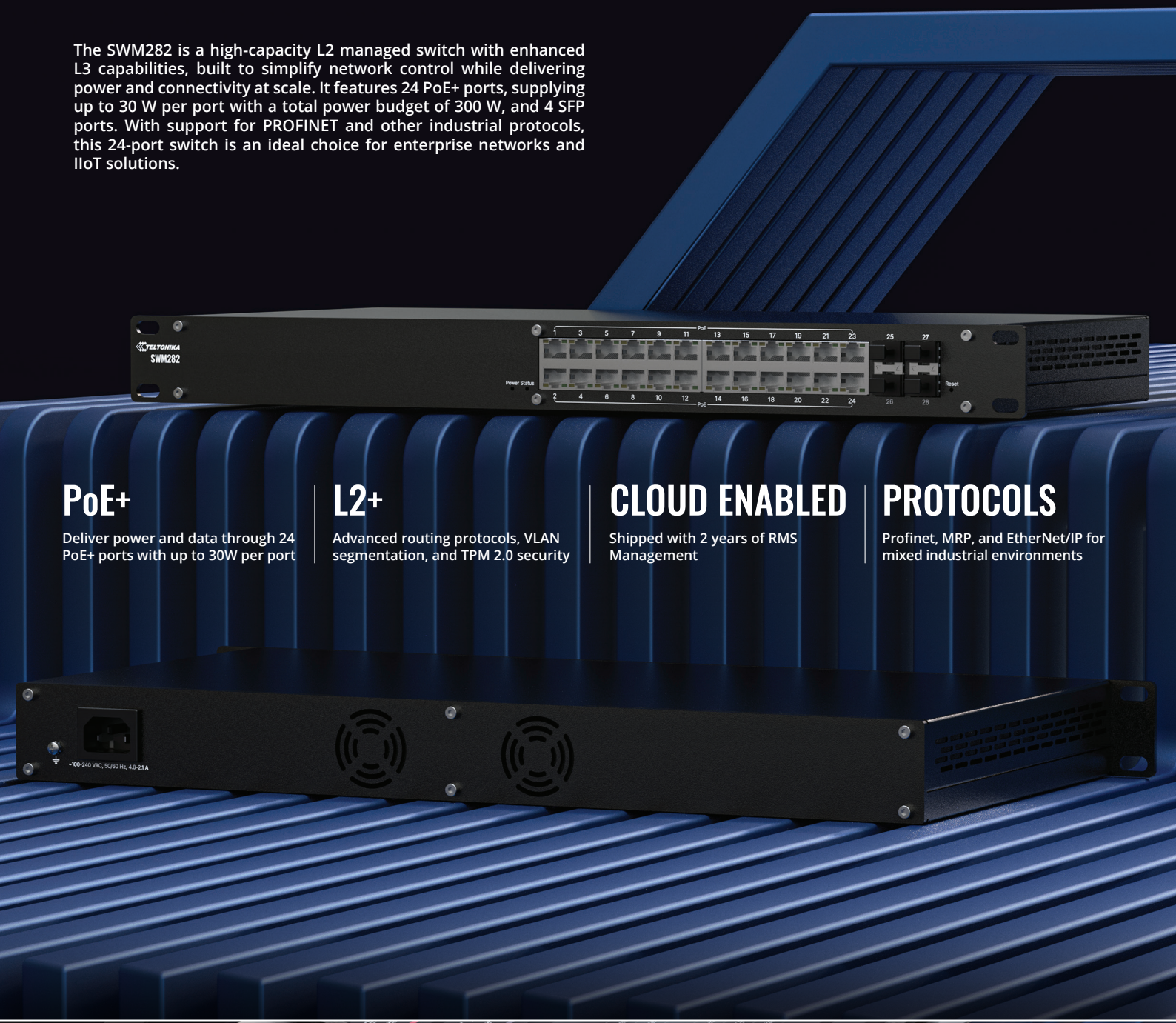
SWM282

POE+ MANAGED SWITCH

SWM282 360° VIEW

The SWM282 is a high-capacity L2 managed switch with enhanced L3 capabilities, built to simplify network control while delivering power and connectivity at scale. It features 24 PoE+ ports, supplying up to 30 W per port with a total power budget of 300 W, and 4 SFP ports. With support for PROFINET and other industrial protocols, this 24-port switch is an ideal choice for enterprise networks and IIoT solutions.



PoE+

Deliver power and data through 24 PoE+ ports with up to 30W per port

L2+

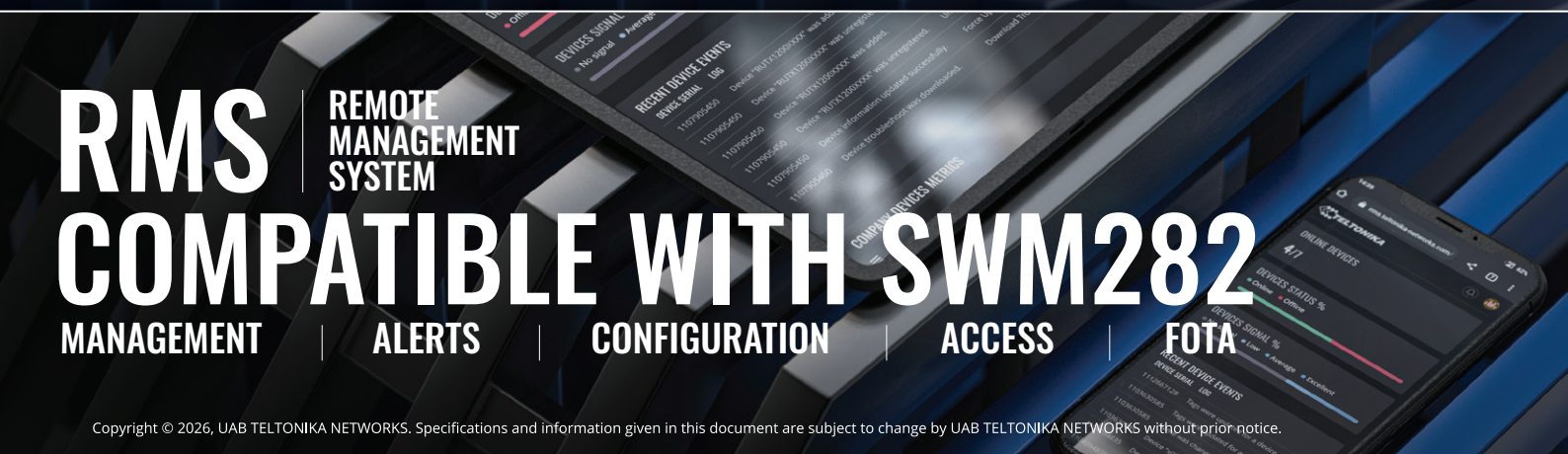
Advanced routing protocols, VLAN segmentation, and TPM 2.0 security

CLOUD ENABLED

Shipped with 2 years of RMS Management

PROTOCOLS

Profinet, MRP, and EtherNet/IP for mixed industrial environments



RMS | REMOTE MANAGEMENT SYSTEM

COMPATIBLE WITH SWM282

MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

Copyright © 2026, UAB TELTONIKA NETWORKS. Specifications and information given in this document are subject to change by UAB TELTONIKA NETWORKS without prior notice.

KEY FEATURES

HARDWARE	
RAM	128 MB, DDR3
Flash storage	16 MB serial flash
Powering options	C14 connector
Input voltage range	100-240 VAC, 50/60 Hz
Input voltage range for PoE	44 – 57 VDC
Power consumption	Idle: 9 W / Max: 330 W / PoE Max: 300
PoE standards	IEEE 802.3af
EEE 802.3 series standards	802.3i, 802.3u, 802.3ab, 802.3x, 802.3az
Status LEDs	1 x Power LED, 48 x ETH status LEDs, 1 x Status LED, 4 x SFP status LEDs
Ethernet	24 x RJ45 ports, 10/100/1000 Mbps
SFP	4 x SFP ports
Ingress protection rating	IP30
Operating temperature	0 °C to 50 °C
Dimensions (W x H x D)	483 x 44 x 234 mm
Weight	1770 g
Mounting options	Rack mounting kit

INDUSTRIAL PROTOCOLS	
Profinet	Profinet Class B conformance (available with optional order code)

PERFORMANCE SPECIFICATIONS	
Bandwidth (Non-blocking)	56 Gbps
Packet buffer	512 KB
MAC address table size	8K entries
Jumbo frame support	10000 bytes

SERVICES	
Supported services	EtherNet/IP, SNMP V2, V3, LLDP, Network Management

NETWORK	
Routing	Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP)
Port aggregation	802.3ad (LACP)
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

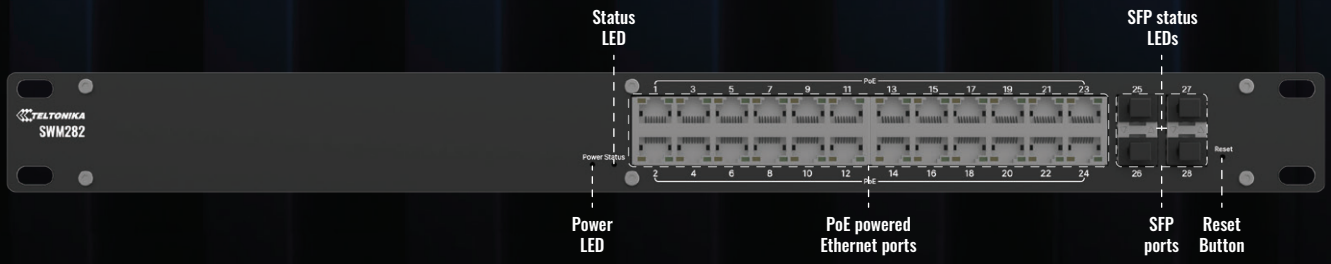
QOS	
QOS	Port priority, DSCP priority, 802.1p priority, TOS
Scheduling method	SP/WFQ/WRR
Bandwidth control	Rate limiting, storm control

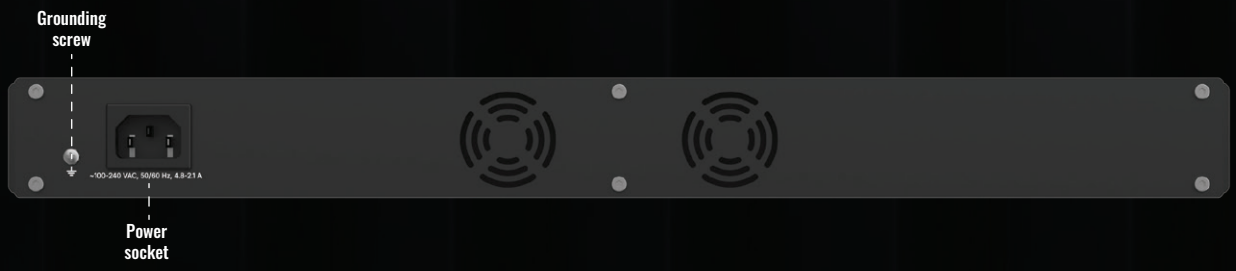
DIAGNOSTICS	
Tools	Cable diagnostic, ping, traceroute, nslookup
Ping reboot	Capability to restart PoE in a specific port

Copyright © 2026, UAB TELTONIKA NETWORKS. Specifications and information given in this document are subject to change by UAB TELTONIKA NETWORKS without prior notice.

FRONT VIEW

BACK VIEW





Copyright © 2026, UAB TELTONIKA NETWORKS. Specifications and information given in this document are subject to change by UAB TELTONIKA NETWORKS without prior notice.