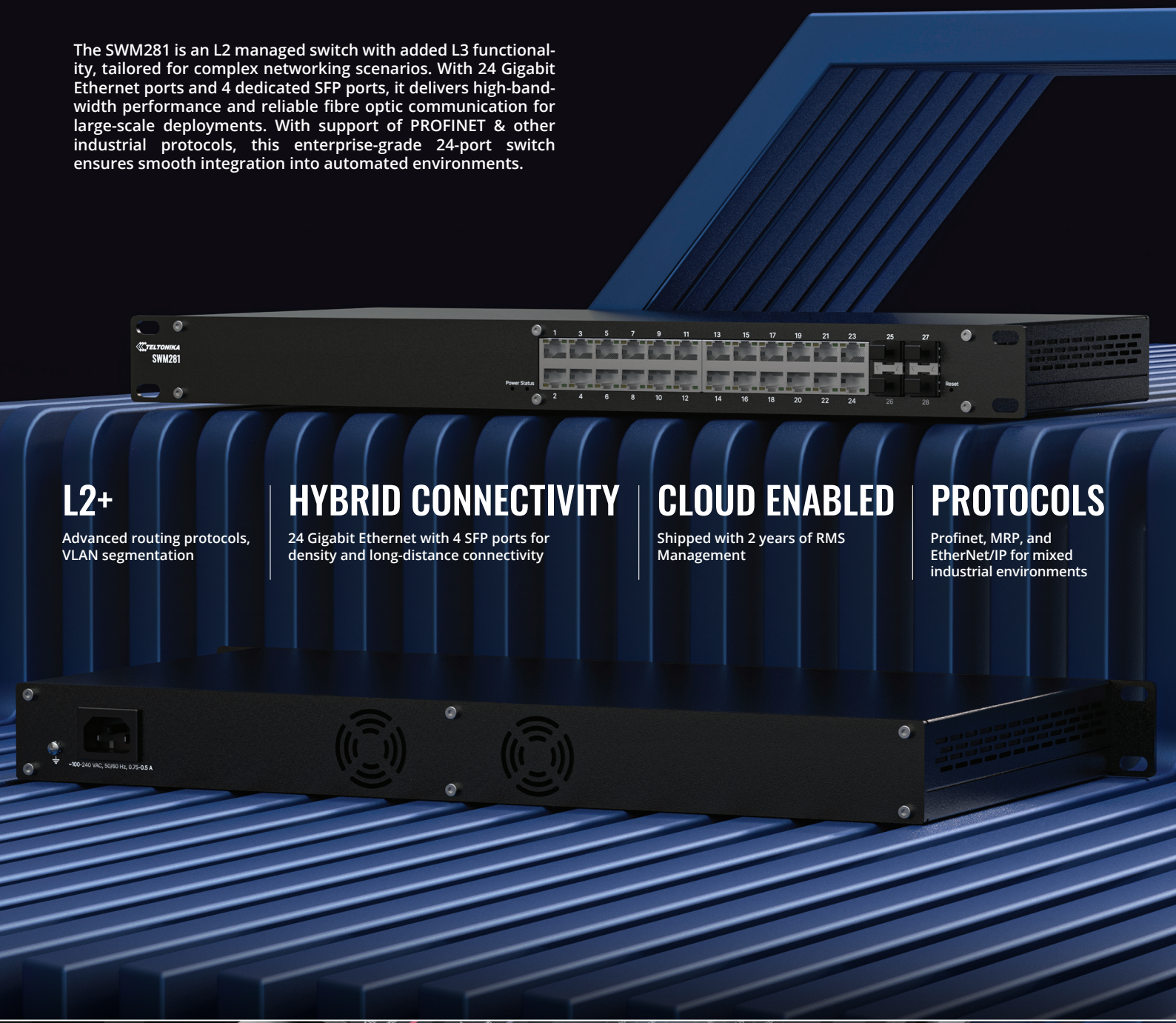
SWM281

GIGABIT ETHERNET MANAGED SWITCH

SWM281 360° VIEW

The SWM281 is an L2 managed switch with added L3 functionality, tailored for complex networking scenarios. With 24 Gigabit Ethernet ports and 4 dedicated SFP ports, it delivers high-bandwidth performance and reliable fibre optic communication for large-scale deployments. With support of PROFINET & other industrial protocols, this enterprise-grade 24-port switch ensures smooth integration into automated environments.



L2+

Advanced routing protocols, VLAN segmentation

HYBRID CONNECTIVITY

24 Gigabit Ethernet with 4 SFP ports for density and long-distance connectivity

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 SWM281

MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

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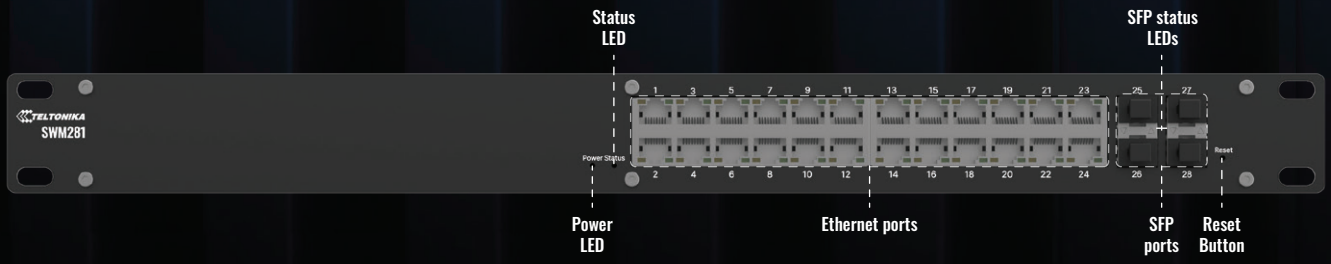
KEY FEATURES

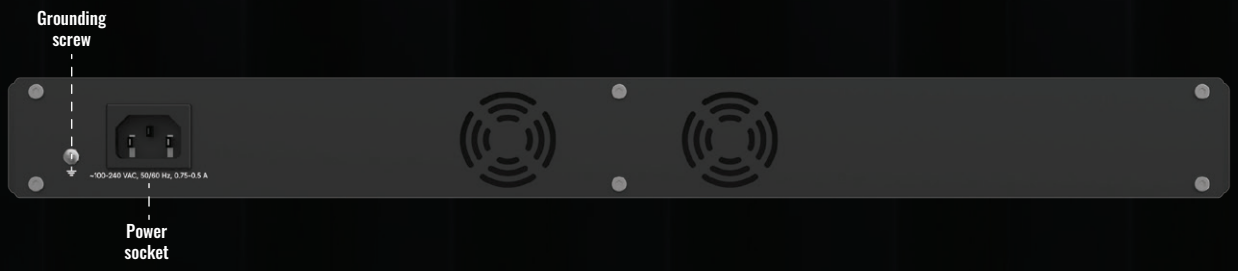
HARDWARE	
RAM	Realtek, single core, 500MHz, MIPS-4KEc
Flash storage	128 MB, DDR3
Powering options	C14 connector
Input voltage range	100-240 VAC, 50/60 Hz
Power consumption	Idle: 5.5 W / Max: 20 W
Status LEDs	1 x Power LED, 48 x ETH status LEDs, 1 x Status LED, 4 x SFP status LEDs
Ethernet	24 x RJ45 ports, 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

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FRONT VIEW

BACK VIEW





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