



TELTONIKA SWM281 GIGABIT ETHERNET L2+ MANAGED SWITCH



link to the product:

<https://www.batna24.com/gb/p/lte-5g/teltonika-swm281-gigabit-ethernet-l2-managed-switch>

Price: **786.24 zł** gross / 639.22 zł net



Manufacturer: TELTONIKA

Referention number: DNXXGKMMHRRMML

Information:

Teltonika SWM281 is a managed L2 switch with extended L3 features, designed for corporate networks, CCTV and IIoT. It offers 24 Gigabit Ethernet ports, 4 SFP slots and 56 Gbps throughput, ensuring stable and efficient data transmission as well as fast fibre uplinks. It supports VLAN, LACP, STP/RSTP, 802.1p/DSCP, mirroring and bandwidth control, which makes traffic organisation and diagnostics easier. Advanced security features such as 802.1X, ACL, RADIUS and TACACS+ protect network access. Support for PROFINET, EtherNet/IP and MRP means the device works well in industrial automation. The 1U rack enclosure, AC power supply and management via web, SNMP and RMS make deployment and administration easier.

Full product description

24 ports and fast uplinks

Teltonika **SWM281** is a managed **L2** switch with extended **L3** features, designed for use in corporate networks, CCTV and **IIoT** installations. It offers **24 Gigabit Ethernet ports** and **4 SFP slots**, allowing it to connect multiple devices and maintain stable fibre uplinks over longer distances.



Key advantages

- **24x Gigabit Ethernet** – convenient support for many endpoints without splitting traffic across too few ports.
- **4x SFP** – flexible fibre uplinks for connections between cabinets and floors.
- **56 Gbps** switching capacity – smooth operation under heavy data traffic.
- **PROFINET, EtherNet/IP, MRP** – suited to automation environments and industrial networks.
- **TSWOS** – simpler configuration, monitoring and network maintenance from a single interface.
- **IP30 enclosure** – safer use in indoor environments with higher requirements.



Traffic control

Management features include **VLAN**, **LACP**, port isolation, **STP/RSTP** and mirroring, making it easier to organise traffic and diagnose the network without interrupting operation. Prioritisation with **802.1p** and **DSCP**, bandwidth control and traffic shaping keep important voice, video

and M2M services at the right response level.



Network security

SWM281 supports **802.1X**, **MAC** filtering, **RADIUS**, **TACACS+** and access control lists, which restrict network access to authorised devices and users only. In addition, static **IPv4/IPv6** routing and DHCP services improve order in a larger infrastructure and make administration easier.



Operation in automation

Support for **PROFINET Class B**, **EtherNet/IP** and **MRP** means the switch fits well into industrial installations and mixed OT and IT environments. It is a practical solution where communication compatibility with controllers, operator panels and monitoring systems matters.



Rack cabinet enclosure

The **anodised aluminium** enclosure, **483 x 44 x 234 mm** dimensions and rack mounting simplify integration into standard telecom cabinets. The device weighs **1853 g**, so it does not place excessive load on the infrastructure, and the **100-240 VAC** power supply with a **C14** socket suits typical server and network deployments.



Operating conditions

The operating temperature range of **0°C to 50°C**, humidity of **10% to 90%** non-condensing and **IP30** protection support stable operation in indoor environments. Power consumption is around **5.5 W** at idle and up to **20 W** under load, which makes it easier to plan power for the whole cabinet.



Management and maintenance

The web interface, **SNMP v2/v3**, **LLDP** and **RMS** service simplify supervision of multiple devices and shorten administration response times. The package includes **2 years of RMS management**, supporting remote updates, configuration deployment and ongoing network maintenance without unnecessary downtime.

