Industrial Ethernet Switch L2+ 8xGbE (PoE+, 240W) + 2xSFP (1Gbps)

Industrial layer 2+ switch*, with 8 PoE+ Gigabit Ethernet ports up to 1 Gbps and 2 SFP ports. This high performance, advanced architecture switch is specifically designed for use in harsh environments with extreme temperatures and which require highly secure industrial Ethernet connections. With its resistant IP40 aluminium alloy housing, this device is ideal for use in critical and adverse conditions.
Among its powerful features, it stands out its protection mechanism against data packet loss to quickly recovering from failures, as well as traffic shaping in the layer-2 QoS function.
It includes a metal spring for its attachment to a DIN rail. It can also be installed in an electrical cabinet.

*Power supply unit not included.

Ref.	768150
Logical ref.	SWM8x1000P2S
EAN13	8424450279359

Packing

Box	1 pcs.

Physical data

Net weight	850.00 g
Gross weight	1,071.00 g
Width	65.00 mm
Height	165.00 mm

Depth	130.00 mm
Main product weight	850.00 g

Highlights

- Suitable for industrial environments: Thanks to its aluminium allow case, it provides high dissipation against extreme temperature changes, as well as a high resistance against vibrations and impacts. In addition, its hermetic design protects it against dust and external particles
- Compatible with PoE (Power over Ethernet) IEEE 802af/at standard, being capable of providing a maximum power per port of up to 30W
- IP40 protection, industrial fanless thermal conduction
- Lightning protection level of 6 KV
- Wide operating temperature range: from -40°C to +75°C
- Standard DIN rail mounting, widely used in industrial environments
- IPv6, SNMP, ACL, Multicast, DHCP, QoS (Quality of Service), VLAN support, IGMP support and Ring protection functions included
- Mean time between failures exceeds 800,000 hours
- Gigabit SFP (ref. 769210, 769212 or 769150) compatible
- Up to 4,000 configurable VLANs
- Private VLAN
- Up to 8,000 MAC addresses
- Supports 9,000 Jumbo Frames
- Device operation LED indicators
- Compact size
- Built-in redundant DC 48~55 V industrial power input

Discover

How to select a switch?

Based on the different applications and the needs of configuration, several options are available in the whole range of switches: unmanaged switches and managed switches.

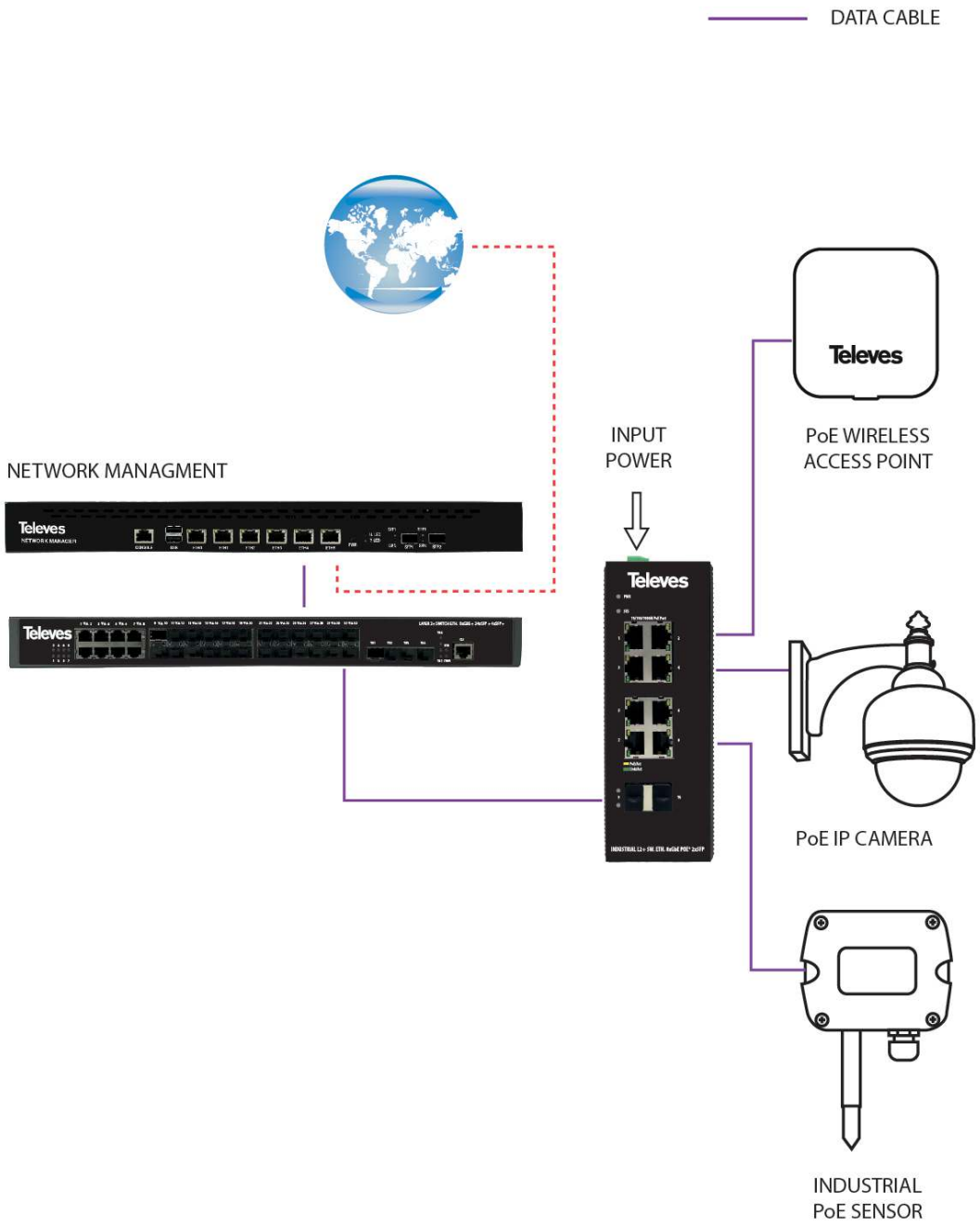
An unmanaged switch is a *plug-and-play* device, which allows to immediately connect different devices by cable without the need of any prior adjustments to the configuration.

A managed switch, on the other hand, provides a number of advanced options and features for detailed network configuration at Layer 2 level. It also allows the customization of the configuration according to the needs of the network, the monitoring performance and controlling what is happening with the connected devices.

A comparison of the features each of them provides is described below:

Features	Unmanaged Switch	Managed Switch
Plug & Play	Yes	No
Application	Small networks or providing workgroups to a large network	Professional uses such as in data centers or coporate networks. It allows professional uses such as in data centers or corporate networks. It allows the customization of the network at the Layer 2 level and the functions of each port individually
Performance	Fixed configuration, no interface configuration allowed	Modifiable configuration according to needs
VLAN Management	No	Yes
Control	Limited default settings	Access control, priority SNMP and network traffic control
Advanced functions	No	IPv4 Detection, DHCP, QoS, VLANs, IP routing, redundancy, CLI, ARP
Economic features	Small outlay	Higher price at higher benefits

Application example



Technical specifications : Ref. 768150

Switch type		Layer 2+
Staking function		No
Number of Gigabit Ethernet ports (10/100/1000BaseT)		8
Number of SFP ports (1Gbps)		2
Switching capacity	Gbps	56
Forwarding rate	Mpps	96
MAC Addresses		8000
PoE Standard		IEEE 802.3af/at
Number of PoE ports		8
Total PoE Power	W	240
Max Power per port	W	30
Number of VLANs		4000
Flash Memory	MB	16
Jumbo Frame	B	9000
Input voltage	Vdc	48 ... 55
Max. power	W	260
Operating temperature	°C	-40 ... 75
Storage temperature	°C	-40 ... 85
Colour		Black