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Ethernet Switch Layer 3 48xGbE + 6xSFP+ (10Gbps)

Advanced, powerful Layer 3 switch, with routing and high switching capacity, adapted for its operation in Televes Hospitality solutions. The switch features 48 GbE ports and 6 SFP+ ports. Televes' range of managed switches provides high-performance, flexible and robust solutions for use in corporate or residential projects.

Ref.	769148
Logical ref.	SWI-48-L3
EAN13	8424450273555

Packing

Box	1 pcs.
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Physical data

Net weight	5,577.00 g
Gross weight	6,643.00 g
Width	443.00 mm
Height	45.00 mm
Depth	350.00 mm
Main product weight	5,577.00 g

Highlights

- Scalable. The flexibility of the switch, coupled with the ability to stack multiple units, ensures a futureproof network
- Safe. Multiple customers can have their own secure virtual network within the same physical

infrastructure

- Gigabit SFP (ref. 769210, 769212 or 769412) compatible

Main features

- Up to 4,000 configurable VLANs
- Private VLAN
- Up to 32,000 MAC addresses
- Supports 9,000 Jumbo Frames
- Multicast VLAN Registration
- Web or CLI (Command Line Interface) Management
- 19" rack compatible 1RU height (accessories for installation are provided)

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.

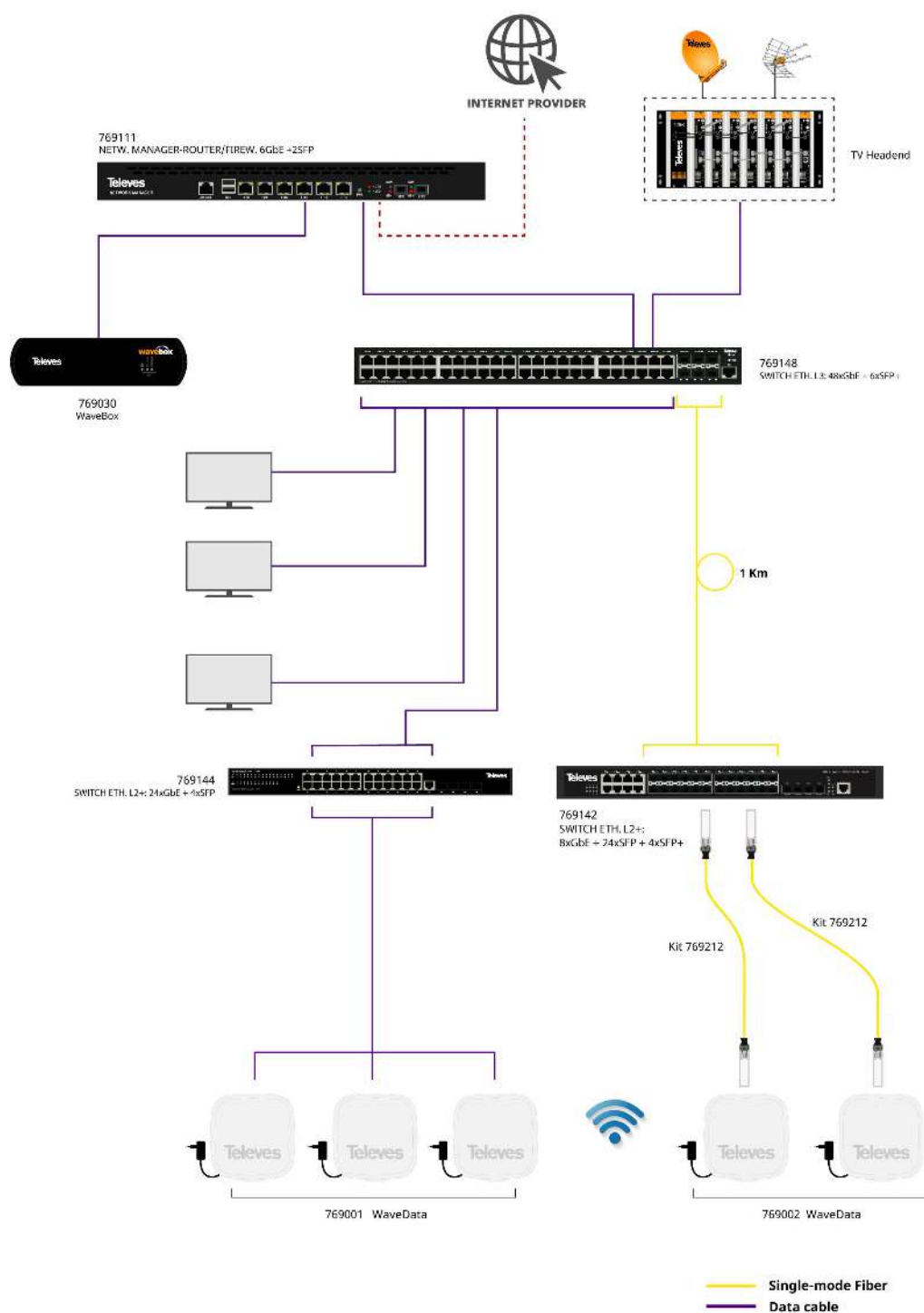
A managed switch, on the other hand, provides a number of advanced options and features for detailed network configuration at Layer 2 level. It also allows the customization of the configuration according to the needs of the network, the monitoring performance and controlling what is happening with the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

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

Features	Unmanaged Switch	Managed Switch
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Plug & Play	Yes	No
Application	Small networks or providing workgroups to a large network	Professional uses such as in data centers or corporate 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. 769148

Switch type		Layer 3
Staking function		Yes
Number of Gigabit Ethernet ports (10/100/1000BaseT)		48
Number of SFP+ ports (10Gbps)		6
Switching capacity	Mb/s	216
Forwarding rate	Mpps	162
MAC Addresses		32000
Number of VLANs		4000
Jumbo Frame	B	9000
Input voltage	Vac	100 ... 240
Mains frequency		50 Hz
Max. power	W	75
Operating temperature	°C	0 ... 50
Colour		Black