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## Ethernet Switch Layer 2+ 48xGbE (PoE+, 370W) + 6xSFP+ (10Gbps)

Advanced and powerful manageable switch adapted for its operation in Televes' Hospitality solutions. The switch features 48 PoE+ 1GbE ports of up to 30 W of power each and 6 SFP+ ports. Televes' range of managed switches provides high-performance, flexible and robust solutions for use in corporate or residential projects.

Ref.	769146
Logical ref.	SWIP400-48
EAN13	8424450273005

### Packaging info

Box	1 pcs.
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### Physical data

Net weight	5,200.00 g
Gross weight	6,100.00 g
Width	440.00 mm
Height	45.00 mm
Depth	300.00 mm
Main product weight	5,200.00 g

### Highlights

- **Compatible with PoE (Power over Ethernet) IEEE 802af/at standard, being capable of providing a maximum power per port of up to 30 W**
- Lightning protection level of 6 KV

- **Includes important security features like port isolation, IEEE 802.1x and Radius authentication or L2/L3/L4 ACL flow identification. It also includes Broadcast, Multicast and Unknown Unicast storm control**
- IPv6, SNMP, Multicast, DHCP, QoS (Quality of Service), VLAN and IGMP support functions
- Up to 4,000 configurable VLANs
- Up to 16,000 MAC addresses
- Supports 9,000 Jumbo Frames
- Web, CLI (Command Line Interface), Telnet, HTTP, HTTPS, SPAN, RSPAN or SSH Management
- Device operation LED indicators
- 19" rack compatible 1RU height (accessories for installation are provided)

## Discover

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### 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.

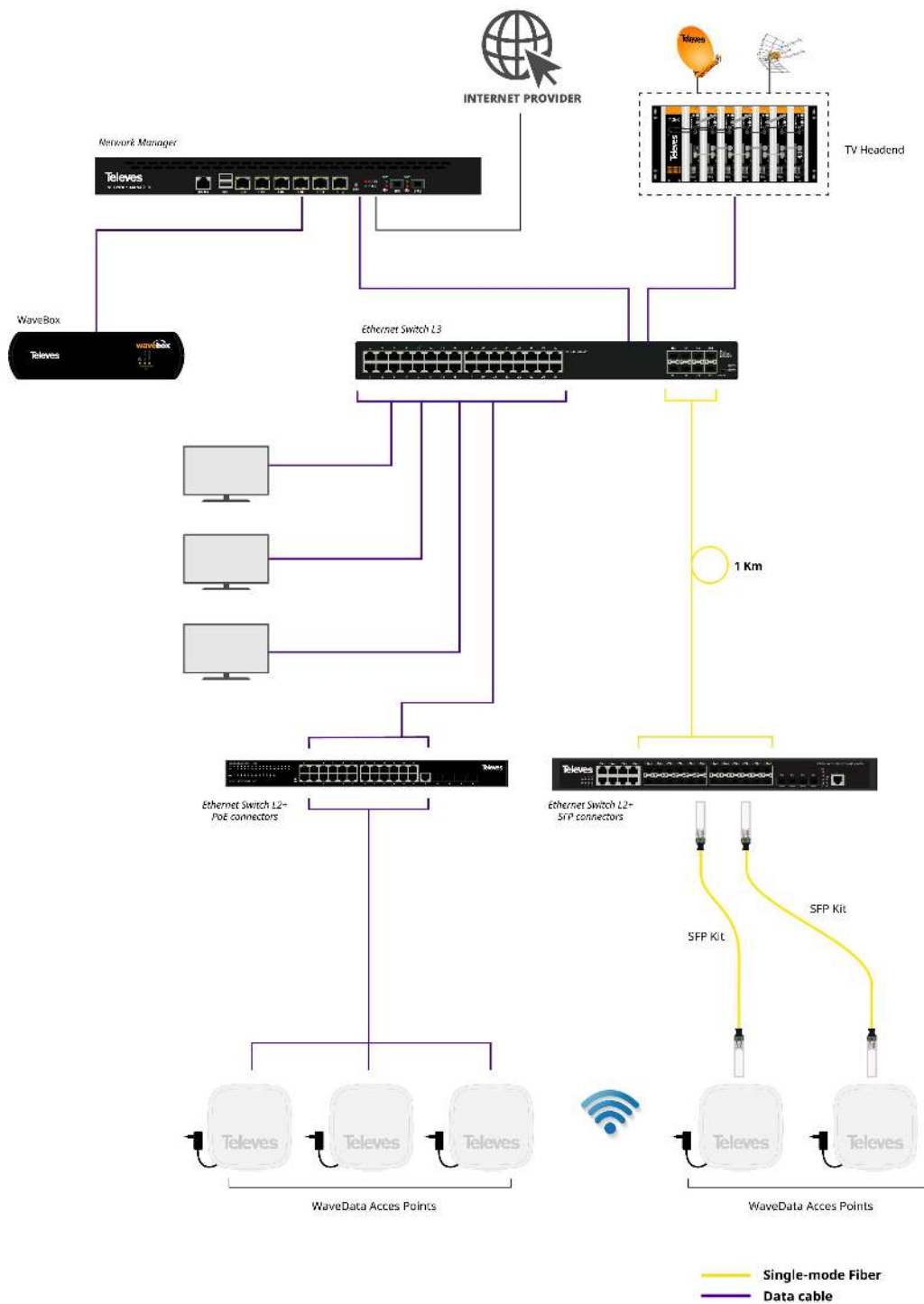
A comparison of the features each of them provides is described below:

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 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

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## Technical specifications : Ref. 769146

Switch type		Layer 2+
Staking function		No
Number of Gigabit Ethernet ports (10/100/1000BaseT)		48
Number of SFP+ ports (10Gbps)		6
Switching capacity	Gbps	216
Forwarding rate	Mpps	162
MAC Addresses		16000
PoE Standard		IEEE 802.3af/at
Number of PoE ports		48
Total PoE Power	W	370
Number of VLANs		4000
Flash Memory	MB	16
Jumbo Frame	B	9000
Input voltage	Vac	100 ... 240
Mains frequency		50 Hz / 60 Hz
Max. power	W	450
Operating temperature	°C	0 ... 50
Storage temperature	°C	-20 ... 70
Colour		Grey