Televes®

Ethernet Switch Layer 2+ 8xGbE (PoE+, 130W) + 2xSFP (1Gbps)

Advanced and powerful manageable switch adapted for applications with Televes' WaveData access point range. The switch features 8 PoE+ 1GbE ports of up to 30W of power each and 2 SFP ports.

Televes' range of managed switches provides high-performance, flexible and robust solutions for use in corporate or residential projects.

Ref.	769140
Logical ref.	SWIP150-8
EAN13	8424450209325

Packaging info

Box	1 pcs.

Physical data

Net weight	2,200.00 g
Gross weight	2,438.00 g
Width	340.00 mm
Height	44.00 mm
Depth	202.00 mm
Main product weight	2,200.00 g

Highlights

- Versatility. Suitable for small to medium Wi-Fi deployment applications

- 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 or 769212) compatible
- Up to 4,000 configurable VLANs
- Private VLAN
- Up to 8,000 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
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

INTERNET

Network Management

Televes
NETWORK MANAGER

Switch

Uplink

WaveData

WaveData

WaveData

WaveData

WaveData

WaveData

— Coax. Cable
— Fiber
— Data cable

INTERNET PROVIDER

769111
NETW. MANAGER-ROUTER/FIREW. 6GbE +2SFP

TV Headend

769030
WaveBox

769143
SWITCH ETH. L3: 32xGbE + 8xSFP+

1 Km

769141
SWITCH ETH. L2+: 24xGbE(PoE+, 370W) + 4xSFP

769142
SWITCH ETH. L2+:
8xGbE + 24xSFP + 4xSFP+

PoE

Kit 769212

Kit 769212

IP Phone   IP Camera   769001 WaveData

769002 WaveData

—— Single-mode Fiber
—— Data cable