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Wireless Managed Access Point WaveData Indoor, 1xSFP WAN + 1xGbE LAN + 1xUSB 3.0

Your trusted Wi-Fi option for the busiest environments

Managed dual band Wi-Fi Access Point, specifically designed for indoor installations. This device provides a high-performance wireless mobility solution for deployments with medium/high density.

WaveData provides 1 F.O. SFP port, 1 Gigabit Ethernet RJ-45 LAN port, 1 USB 3.0 port and Wi-Fi (WLAN 802.11 b/g/n/ac, 2.4 and 5GHz) in addition to Kensington Security Slot.

It is equipped with the MyNET WiFi technology from Televes, which enables its configuration in low-power mode (Low Power) and provides the most efficient, secure and responsible Internet access possible.

Compatible with SFP Modules 769210 and 769212.

Ref.769002

Art.Nr	WAVEDATAS
EAN13	8424450201756

Highlights

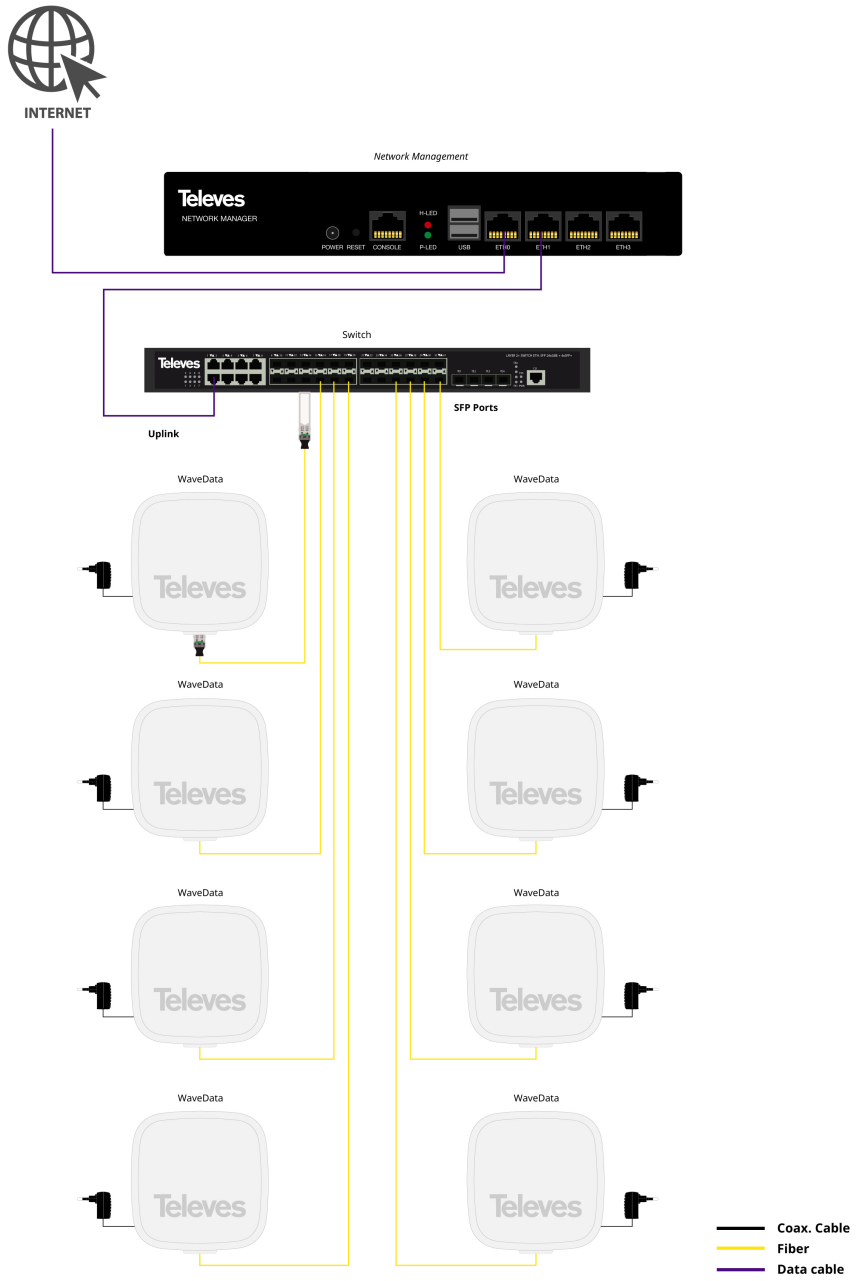
- 802.11ac Wave 2 managed access point
- Maximum aggregated throughput of 1.73Gbps
- MU-MIMO: Multi-User MIMO as defined in the 802.11ac standard that allows simultaneous multiple transmissions from the Access Points (AP) to up to four clients
- 4 dual band built-in antennas with high performance (4dBi) and beamforming
- Up to 80MHz channel bandwidth
- Available remote management and monitoring of the entire WaveData network via the WaveBox (Ref. 769030)
- Maximum performance above 1Gb/s
- Operation in the 2,4 and 5GHz band
- MyNETWiFi technology: Low-power mode configuration providing an Internet access with the following characteristics:
  1. Efficient: improves performance of the connected users thanks to the creation of access microcells
  2. Secure: reduces the reach range to avoid undesired network access by third parties
  3. Responsible: reduces the degree of exposure to electromagnetic waves

Main features

- 2.4GHz IEEE 802.11/b/g/n with 2 Streams MU-MIMO (2x2)
- 5GHz IEEE 802.11/n/ac Wave2 with 2 Streams MU-MIMO (2x2)
- Up to 16 SSIDs and 124 stations per SSID
- Support simultaneous dual band (2.4GHz and 5GHz) with band steering
- It implements fast roaming (IEEE 802.11r) between access points
- SNMP agent incorporated (Centralized management & monitoring)
- Wi-Fi schedule. Wi-Fi On/Off scheduling
- Automatic channel selection according to the spectrum conditions (for 2.4GHz and 5GHz)

Application example

(Click to see the picture)



Technical specifications

Number of Gigabit Ethernet ports (10/100/1000BaseT)		1
Number of SFP ports (1Gbps)		1
CPU number of cores		4
Core speed	MHz	716.8
RAM	MB	512
WiFi standard		802.11 b/g/n (2x2) 2.4 GHz / 802.11 n/ac (2x2) 5 GHz
2.4GHz Channel bandwidth		5MHz / 10MHz / 20MHz / 40MHz
5GHz Channel bandwidth		20MHz / 40MHz / 80MHz
OFDM Modulations		16-QAM / 256-QAM / 64-QAM / BPSK / QPSK
Number of WiFi antennas		4
2.4GHz Antenna gain	dBi	4
5GHz Antenna gain	dBi	4
Powering	Vdc	12
PoE input		No
Max. output current	A	4
Max. power	W	7
OS		Linux
Operating temperature	°C	-5 ... 45