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## Wireless Managed Access Point WaveData Outdoor, 1xGbE WAN PoE

### Your trusted Wi-Fi option for the busiest environments

Managed dual band Wi-Fi Access Point, specifically designed for outdoor installations. It provides a high-performance wireless mobility solution for deployments with medium/high density. This Outdoor WaveData features an easy-to-install chassis that supports IP65, as well as 1 Gigabit Ethernet RJ-45 WAN (PoE) port and Wi-Fi (WLAN 802.11 b/g/n/ac, 2.4 and 5GHz).

Ref.769011

Art.Nr

WAVEDATAPO

EAN13

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### 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
- AP client isolation: It allows to isolate SSID AP clients and avoid STA to STA communication
- 4 dual band built-in antennas with high performance (4dBi) and beamforming
- Compatible with PoE 802.3af/at
- 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
- Protection Index: IP65
- It withstands temperatures from -5 to 45°C

### Main features

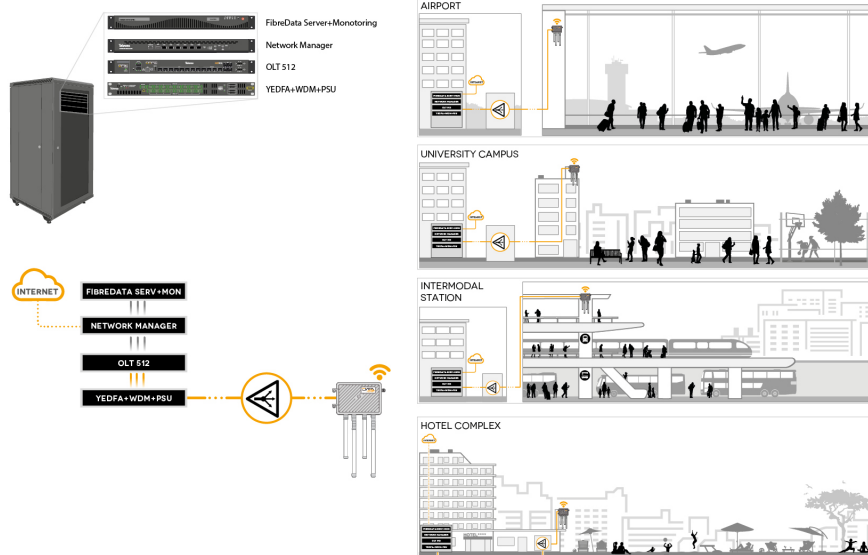
- 2.4GHz IEEE 802.11/b/g/n with 2 Streams MU-MIMO (2x2)
- 5GHz IEEE 802.11/n/ac Wave2 with 2 Streams MU-MIMO (2x2)
- Up to 16 SSIDs and 124 stations per SSID

- 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)

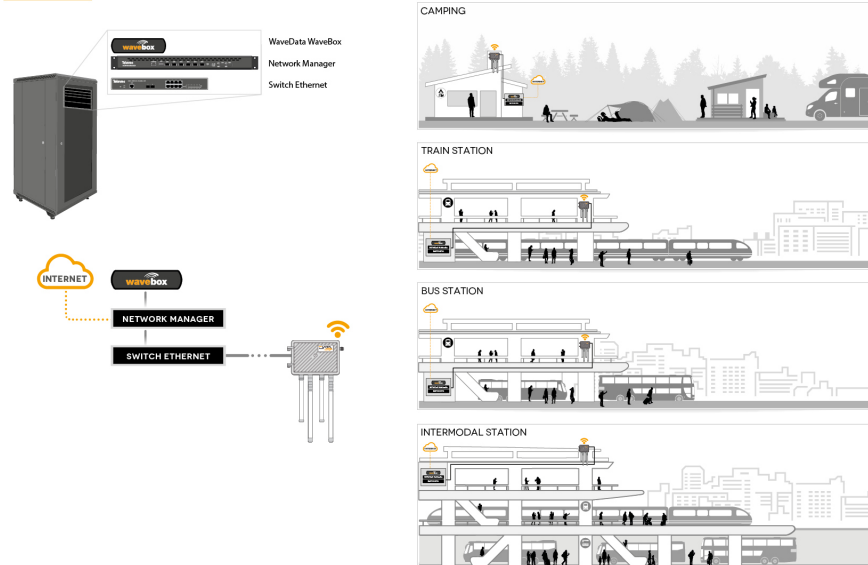
## Application example

(Click to see the picture)

### WAVEDATA: OPTICAL FIBER NETWORK



### WAVEDATA: DATA NETWORK (ETHERNET)



## Technical specifications

Number of Gigabit Ethernet ports (10/100/1000BaseT)		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	6
5GHz Antenna gain	dBi	8
PoE input		Yes
Max. power	W	7
OS		Linux
Operating temperature	°C	-5 ... 45
Protection index (IP)		65