



## Spark™ AC Wave2

Cloud-Enabled Indoor/Outdoor AP



### Product Overview

IgniteNet™'s Spark™ AC Wave2 is the most cost-effective, cloud-managed 802.11ac Wave2 access point on the market. The Spark™ AC Wave2 contains 2 independent, concurrent operation radios - one 802.11ac (5GHz) radio and one 802.11n (2.4GHz) radio - capable of delivering blisteringly fast wireless speeds. The sleek design of the Spark™ AC Wave2 allows it to be placed inconspicuously in both offices and homes, bringing fast wireless connections to hard-to-reach locations. In addition the Spark AC Wave2 features an innovative indoor/outdoor design in one universal model.

### Key Features and Benefits

#### Cloud-Enabled Networking

The IgniteNet™ Spark™ AC Wave2 is cloud-enabled out of the box allowing for easy, highly scalable installation, configuration, and management.

#### Dual Band AC1200 Wave2 Operation

The Spark™ AC Wave2 is capable of operating simultaneously at 2.4GHz (802.11b/g/n) as well as 5GHz (802.11a/n/ac) to supply ample throughput for the most demanding applications.

#### AC Wave2 Features for Performance

The Spark™ AC Wave2 features the latest 802.11ac standard including MU-MIMO and enhanced beam forming - giving the best price/performance ratio in the market.

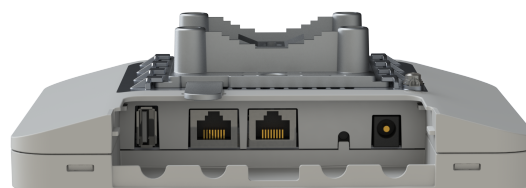
#### Robust Yet Simple Mounting Options

The Spark™ AC Wave2 can be wall, ceiling, or desktop mounted both indoors and outdoors, greatly simplifying installations in both offices, homes, parks, smart cities and many other applications.

#### Other Views



Secure wall/pole mount



I/O region



# Spark™ AC Wave2

## Cloud-Enabled Indoor/Outdoor AP

### Features

#### HARDWARE FEATURES

- ✓ 1x Gigabit Ethernet Port (PoE IN, 802.3af)
- ✓ 1x Gigabit Ethernet Port (additional)
- ✓ 1x USB 2.0 Port
- ✓ Dual flash image support

#### LEDs

- ✓ Power, Eth, Wireless, Health/Status, Controller Status

#### DIMENSIONS (L x W x H)

- ✓ 162 x 176 x 28 mm

#### WEIGHT

- ✓ 385 g

#### POWER

- ✓ 12V/1A DC
- ✓ 802.3af Power over Ethernet
- ✓ 8W Typ

#### OPERATING ENVIRONMENT

- ✓ Operating Temperature: -40C° to +70C°
- ✓ Store Temperature: -40C° to 70C°
- ✓ Outdoor Rating: IP-55

#### REGULATORY / STANDARDS COMPLIANCE

- ✓ FCC/IC
- ✓ CE

#### RF PERFORMANCE (TX)

- ✓ 2.4GHz:  
24dBm @ 6Mbps, 17dBm @ 300Mbps  
2 x 360° 6dBi Internal Antennas
- ✓ 5GHz:  
22dBm @ 6Mbps, 13dBm @ 866Mbps  
2 x 360° 8dBi Internal Antennas

#### KEY FEATURES

- ✓ Supports Service Provider and Enterprise type networks
- ✓ Stand-alone or Cloud-controlled operating modes
- ✓ AP/Client/Client WDS modes with Flexible Bridging and Routing
- ✓ 802.11a/b/g/n/ac, 2x2, Dual Band Dual Concurrent ( 2.4GHz and 5GHz)
- ✓ Supports up to 8 SSIDs per radio
- ✓ IEEE802.e Wi-Fi Multimedia ( WMM-QoS)
- ✓ WEP (64/128-bit), WPA,WPA2-PSK,WPA2-AES, PSK and Enterprise
- ✓ Admission control by client MAC address

#### APPLICATIONS

- ✓ Enterprise AP
- ✓ 3G/4G Offload
- ✓ Managed WiFi Services

### Ordering Information

Part Number	Description
SP-W2-AC1200-XX	Spark™ Wave 2 AC1200 - Dualband Concurrent Enterprise AP w/ int antenna

**\*\*XX is used to denote localization (US, EU, AU, CN)**

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