



## Spark™ AC Wave2 Mini

### Cloud-Enabled Indoor AP

IgniteNet™'s Spark™ AC Wave2 Mini is the most cost-effective, covert, cloud-managed 802.11ac Wave2 access point on the market. The Spark™ AC Wave2 Mini 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.

#### Cloud-Enabled Networking

The IgniteNet™ Spark™ AC Wave2 Mini 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 Mini 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 Mini 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 Mini can be wall, ceiling, or desktop mounted, greatly simplifying installations in both offices, retail shops and many other applications.

## FEATURES

### HARDWARE FEATURES

- > 1x 1000 Base-T Ethernet Port
- > 1x 100 Base-T Ethernet Port
- > 1x USB 2.0 Port (Power)
- > Dual flash image support
- > Integrated Bluetooth 2.1/ 4.1

### LEDs

- > Power, Wireless 2.4, Wireless 5, ETH 0, ETH 1

### DIMENSIONS (L x W x H )

- > 83 x 83 x 22 mm (3.27 x 3.27 x 0.87 inch)

### WEIGHT

- > 82 g (0.18 lb)

### POWER

- > 5V/2.1A DC (USB)

### POWER CONSUMPTION

- > 5W Typical
- > 6.5W Maximum

### OPERATING ENVIRONMENT

- > Operating Temperature: 0 to +50C° (32 to 122 F)
- > Store Temperature: -40 to 70C° (-40 to 158 F)

### REGULATORY / STANDARDS COMPLIANCE

- > FCC/IC
- > CE

### RF PERFORMANCE (TX)

- > 2.4 GHz: 25 dBm @ 6Mbps, 18 dBm @ 300Mbps
- > 5 GHz: 23 dBm @ 6Mbps, 13 dBm @ 866Mbps

### RF PERFORMANCE (RX)

- > 2.4 GHz: -90 dBm @ 6Mbps, -73 dBm @ 300Mbps
- > 5 GHz: -90 dBm @ 6Mbps, -58 dBm @ 866Mbps

### ANTENNA

- > 2.4 GHz: 4 dBi omni-directional
- > 5 GHz: 5 dBi omni-directional

### 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
- > IEEE 802.11e Wi-Fi Multimedia (WMM-QoS)
- > WPA,WPA2-PSK,WPA2-AES, PSK and Enterprise
- > Admission control by client MAC address

### APPLICATIONS

- > Enterprise AP
- > Managed WiFi Services
- > WiFi Extension

## ORDERING INFORMATION

Part Number	Description
SP-W2M-AC1200-XX	Spark™ Wave 2 Mini AC1200 - Dualband Concurrent Enterprise AP w/ int antenna

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