



Spark™ AC Wave2 Mini PoE

Cloud-Enabled Indoor AP

IgniteNet™'s Spark™ AC Wave2 Mini PoE is one of the most cost-effective, covert, cloud-managed 802.11ac Wave2 access point on the market. The Spark™ AC Wave2 Mini PoE 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 mini PoE allows it to be placed inconspicuously in both offices and homes, bringing fast wireless connections to hard-to-reach locations. The Spark Wave2 mini PoE is the latest version of the highly popular Spark Wave2 mini with similar specs, however it includes two Gigabit Ethernet ports (vs. a single 1G port + 100M port) and adds 802.3af PoE powering (vs. DC jack input), which allows powering it with PoE switches.

Cloud-Enabled Networking

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

FEATURES

HARDWARE FEATURES

- › 2x 1000 Base-T Ethernet Port
- › Dual flash image support
- › Integrated Bluetooth 2.1/ 4.1

LEDs

- › Power, Wireless 2.4, Wireless 5, ETH 1, ETH 2

DIMENSIONS (L x W x H)

- › 83 x 64 x 22 mm (3.27 x 3.31 x 0.87 inch)

WEIGHT

- › 82 g (0.18 lb)

POWER

- › 802.3af Power over Ethernet

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, WPA/WPA2-Enterprise with 802.1X EAP-TLS, EAP-TTLS, EAP-GTC, EAP-MSCHAPv2 TKIP and AES encryption
- › Admission control by client MAC address

APPLICATIONS

- › Enterprise AP
- › Managed WiFi Services
- › WiFi Extension

ORDERING INFORMATION

Part Number

Description

SP-W2M-AC1200-POE-XX	Spark™ Wave 2 Mini AC1200 PoE - Dualband Concurrent Enterprise AP w/ int antenna
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****XX is used to denote localization (US, EU, AU, CN)**