**SP-W2M-AC200-PoE**

Cloud-Enabled Indoor AP

SP-W2M-AC1200-PoE is one of the most cost-effective, covert, cloud-managed 802.11ac Wave2 access point on the market. The SP-W2M-AC1200-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 SP-W2M-AC1200-PoE allows it to be placed inconspicuously in both offices and homes, bringing fast wireless connections to hard-to-reach locations. The SP-W2M-AC1200-PoE is the latest version of the highly popular SP-W2M-AC1200 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.

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**Cloud-Enabled Networking**

The SP-W2M-AC1200-PoE is cloud-enabled out of the box allowing for easy, highly scalable installation, configuration, and management.

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**Dual Band AC1200 Wave2 Operation**

The SP-W2M-AC1200-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.

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**AC Wave2 Features for Performance**

The SP-W2M-AC1200-PoE features the latest 802.11ac standard including MU-MIMO and enhanced beam forming - giving the best price/performance ratio in the market.

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**Robust Yet Simple Mounting Options**

The SP-W2M-AC1200-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 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
› 108 g (0.24 lb)

POWER
› 802.3af Power over Ethernet

POWER CONSUMPTION
› 6.5W Typical
› 8.5W Maximum

OPERATING ENVIRONMENT
› Operating Temperature: 0 to +50°C (32 to 122°F)
› Store Temperature: -40 to 70°C (-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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>SP-W2M-AC1200-POE-XX</td>
<td>Spark™ Wave 2 Mini AC1200 PoE - Dualband Concurrent Enterprise AP w/ int antenna</td>
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**XX is used to denote localization (US, EU, AU, CN)