

# SP-W2M-AC1200

## INDOOR ACCESS POINT



### INTRODUCTION

The SP-W2M-AC1200 is a concurrent dual-band 802.11ac Wave 2 indoor access point. Featuring dual 2x2 Multi-User MIMO (MU-MIMO) radios, the SP-W2M-AC1200 can simultaneously support up to 300 Mbps and 866 Mbps data rates for both 2.4GHz and 5GHz bands. The sleek design of the SP-W2M-AC1200 allows it to be placed inconspicuously in both offices and homes, bringing fast wireless connections to hard-to-reach locations. The SP-W2M-AC1200 can be operated as standalone mode or managed by Edgecore ecCLOUD cloud controller.

### HIGHLIGHTS

- **Cloud Management**

SP-W2M-AC1200 can be managed by Edgecore ecCLOUD cloud controller, allowing for easy, highly scalable installation, configuration, and management.

- **Dual Band AC1200 Wave2 Operation**

SP-W2M-AC1200 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.

- **802.11ac Wave2 Features for Performance**

Swiftly build an office-like environment for remote workers within 30 min, delivering in-office experience to remote workers. It means there's consistent access to the data and applications that are normally used in office.

- **Robust Yet Simple Mounting Options**

SP-W2M-AC1200 can be wall, ceiling, or desktop mounted both indoors and outdoors, greatly simplifying installations in both offices, retail shops and many other applications.

## SPECIFICATIONS

HARDWARE	
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>83 x 83 x 22 mm (W x D x H)</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>82g (0.18 lb)</li> </ul>
<b>Power</b>	<ul style="list-style-type: none"> <li>5V/2.1A DC (USB)</li> </ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"> <li>5W Typical</li> <li>6.5W Maximum</li> </ul>
<b>Interface</b>	<ul style="list-style-type: none"> <li>1x 1000 Base-T Ethernet Port</li> <li>1x 100 Base-T Ethernet Port</li> <li>1x USB 2.0 Port (Power)</li> <li>Dual flash image support</li> <li>Integrated Bluetooth 2.1/ 4.1</li> </ul>
<b>LEDs</b>	<ul style="list-style-type: none"> <li>Power</li> <li>2.4G-WiFi</li> <li>5G-WiFi</li> <li>Eth0</li> <li>Eth1</li> </ul>
<b>Environmental Conditions</b>	<ul style="list-style-type: none"> <li>Operating Temperature: 0°C to 50°C (32°F to 122°F)</li> <li>Store Temperature: -40°C to 70°C (-40°F to 158°F)</li> </ul>
<b>Antenna</b>	<ul style="list-style-type: none"> <li>2.4 GHz: 6 dBi omni-directional</li> <li>5 GHz: 8 dBi omni-directional</li> </ul>

WI-FI	
<b>Standards</b>	<ul style="list-style-type: none"> <li>802.11 a/b/g/n/ac</li> <li>Concurrent dual-band 2.4 &amp; 5 GHz</li> </ul>
<b>Radio Chains</b>	<ul style="list-style-type: none"> <li>5 GHz: 2x2</li> <li>2.4 GHz: 2x2</li> </ul>
<b>Spatial Streams</b>	<ul style="list-style-type: none"> <li>2; MU-MIMO support</li> </ul>
<b>RF Performance (TX)</b>	<ul style="list-style-type: none"> <li>2.4GHz: 25 dBm @ 6Mbps, 18 dBm @ 300Mbps</li> <li>5GHz: 23 dBm @ 6Mbps, 13 dBm @ 866Mbps</li> </ul>
<b>RF Performance (RX)</b>	<ul style="list-style-type: none"> <li>2.4GHz: -90 dBm @ 6Mbps, -73 dBm @ 300Mbps</li> <li>5GHz: -90 dBm @ 6Mbps, -58 dBm @ 866Mbps</li> </ul>
<b>ESSID</b>	<ul style="list-style-type: none"> <li>Up to 8 per radio (16 total)</li> </ul>
<b>Certification</b>	<ul style="list-style-type: none"> <li>FCC, IC, CE, AU, MIC, NCC, SRRC, TELEC, JATE</li> </ul>

FEATURES	
<ul style="list-style-type: none"> <li>Supports Service Provider and Enterprise type networks</li> <li>AP/Client/Client WDS modes with Flexible Bridging and Routing</li> <li>IEEE802.11e Wi-Fi Multimedia ( WMM-QoS)</li> <li>WPA,WPA2-PSK,WPA2-AES, PSK and Enterprise</li> <li>Admission control by client MAC address</li> </ul>	

\*: RF output power aggregates across MIMO chains and doesn't contain antenna gain

## ORDERING INFORMATION

**PART NUMBER**

**SP-W2M-AC1200-XX**

- SP-W2M-AC1200 – Dual band Concurrent Enterprise AP w/ internal antenna

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

\*Under development