



SunSpot™ AC Wave2

Cloud-Enabled Indoor/Outdoor AP

IgniteNet™'s SunSpot™ AC Wave2 is a powerful, cloud-managed 802.11ac Wave2 access point supporting up to 2.6 Gbps data rate over the air. The SunSpot™ AC Wave2 contains 2 independent 4 x 4 MiMo, concurrent operation radios - one 802.11ac (5GHz) radio and one 802.11n (2.4GHz) radio - capable of delivering blisteringly fast wireless speeds. The universal design of the SunSpot™ AC Wave2 allows it to be placed inconspicuously in both of indoor and outdoor environments due to its innovative IP-55 standards rated enclosure, bringing fast wireless connections to hard-to-reach locations. The advantages of 802.11ac wave2 standard like MU-MiMo and hardware based radio acceleration make this access point ideal for high-density deployments and high throughput applications.

Cloud-Enabled Networking

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

Dual Band AC2600 Wave2 Operation

The SunSpot™ 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 SunSpot™ 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 SunSpot™ 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.

FEATURES

HARDWARE FEATURES

- › 1x Gigabit Ethernet Port (PoE IN, 802.3at)
- › 1x Gigabit Ethernet Port
- › Dual flash image support
- › IP-55 standards rated enclosure

LEDs

- › Power, Wireless 2.4GHz , Wireless 5 GHz, ETH0, ETH1

DIMENSIONS (L x W x H)

- › 218.8 x 223.8 x 35 mm (8.6 x 9.4 x 1.38 inch)

WEIGHT

- › 850 g (1.87 lb)

POWER

- › 12V/2A DC
- › 802.3at Power over Ethernet

OPERATING ENVIRONMENT

- › Operating Temperature: -30C° to +55C° (-22F to 131F)
- › Store Temperature: -40C° to 70C° (-40F to 158F)
- › Operating Humidity: 10 to 90% non-condensing (RH)

REGULATORY / STANDARDS COMPLIANCE

- › FCC, IC, CE

RF PERFORMANCE (TX)

- › 2.4GHz: 23 dBm @ 6Mbps, 18 dBm @ 800Mbps
- › 5GHz: 25 dBm @ 6Mbps, 20 dBm @ 1733Mbps

RF PERFORMANCE (RX)

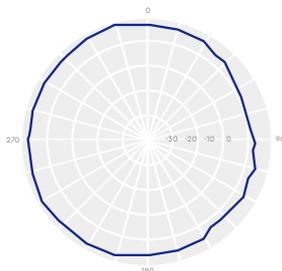
- › 2.4GHz: -96 dBm @ 6Mbps, -62 dBm @ 800Mbps
- › 5GHz: -90 dBm @ 6Mbps, -58 dBm @ 1733Mbps

ANTENNA GAIN

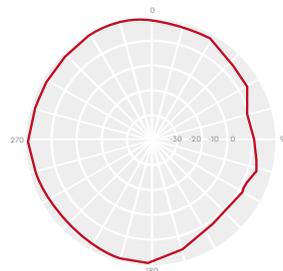
- › 2.4GHz: 6 dBi - omnidirectional
- › 5GHz: 8 dBi - omnidirectional

ANTENNA PATTERNS

› 2.4 GHz Patterns



› 5 GHz Patterns



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, 4x4, Dual Band Dual Concurrent (2.4GHz and 5GHz)
- › Supports up to 8 SSIDs per radio
- › IEEE802.11e Wi-Fi Multimedia (WMM-QoS)
- › 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

SS-W2-AC2600-XX

SunSpot Wave2 AC2600 - Dualband Concurrent 4x4 Enterprise AP w/ int antenna

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

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