SunSpot™ AC

Cloud-Enabled Enterprise AP

IgniteNet™'s SunSpot™ AC is a cost-effective, cloud-managed 802.11ac access point. The SunSpot™ AC 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 SunSpot™ AC 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™ SunSpot™ AC is cloud-enabled out of the box allowing for easy, highly scalable installation, configuration, and management.

Dual Band AC1200 Operation

The SunSpot™ AC 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.

Powerful, Flexible Configuration

The SunSpot™ AC can operate either as a stand-alone access point or as a coordinated, cloud-managed access point, easily meeting the requirements of any installation.

Robust Yet Simple Mounting Options

The SunSpot™ AC can be wall, ceiling, or desktop mounted, greatly simplifying installations in both offices and homes.

FEATURES

HARDWARE FEATURES

› 1 x Gigabit Ethernet Port (PoE IN)
› 2 x 10/100 Fast Ethernet Ports
› 1 x USB 2.0 Port
› Dual flash image support

LEDs

› Power, Ethernet, Wireless, Health/Status, Controller Status

DIMENSIONS (L x W x H)

› 200 x 200 x 50 mm (7.87 x 7.87 x 1.97 inch)

WEIGHT

› 500 g (1.10 lb)

POWER

› 12V/1A DC
› 802.3at Power over Ethernet

OPERATING ENVIRONMENT

› Operating Temperature: 0 to +50C° (32 to 122 F)
› Store Temperature: -40 to 70C° (-40 to 158 F)
› Operating Humidity: 10 to 90% non-condensing (RH)

REGULATORY / STANDARDS COMPLIANCE

› FCC/IC
› CE

RF PERFORMANCE (TX)

› 2.4GHz: 30dBm @ 6Mbps, 27dBm @ 300Mbps
› 5GHz: 28dBm @ 6Mbps, 24dBm @ 866Mbps

ANTENNA

› 2.4GHz: 5 dBi omni-directional
› 5GHz: 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
› Optional single band available
› 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
› 3G/4G Offload
› Managed WiFi Services

ORDERING INFORMATION

Part Number	Description
SS-AC1200-XX	SunSpot™ AC1200 - Dualband Concurrent Enterprise AP w/ integrated antennas
SS-N300-XX	SunSpot™ N300 - Single Band Enterprise AP w/ integrated antennas (2.4GHz)

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