



Product Overview

IgniteNet™'s SunSpot AC1900 is a cost-effective, cloud-managed 802.11ac wireless access point. The SunSpot AC1900 contains two independent, concurrent-operating radios — one 802.11ac (5 GHz) radio and one 802.11n (2.4 GHz) radio — capable of delivering blisteringly fast wireless speeds. The sleek design of the SunSpot AC1900 allows it to be placed inconspicuously in both offices and homes, delivering fast wireless connections and convenient Internet access.

Key Features and Benefits

Cloud-Enabled Networking

The IgniteNet™ SunSpot AC1900 is cloud-enabled out of the box, allowing for easy, highly scalable installation, configuration, and management.

Dual-Band AC1900 Operation

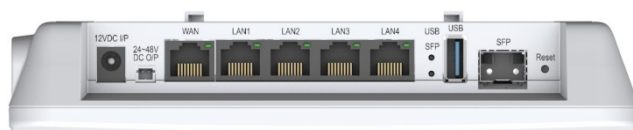
The SunSpot AC1900 is capable of operating simultaneously at 2.4 GHz (802.11b/g/n) as well as 5 GHz (802.11a/n/ac) to supply ample throughput for the most demanding applications.

Powerful, Flexible Configuration

The SunSpot AC1900 can operate either as a stand-alone AP or as a coordinated, cloud-managed AP, easily meeting the requirements of any installation.

Robust Yet Simple Mounting Options

The SunSpot AC1900 can be wall or desktop mounted, greatly simplifying installations in both offices and homes.



Features

HARDWARE FEATURES

- ✓ 1x 10/100/1000 Mbps Gigabit Ethernet WAN port (PoE in)
- ✓ 4x 10/100/1000 Mbps Gigabit Ethernet LAN ports
- ✓ 1x 1000 Mbps Gigabit SFP port
- ✓ 1x USB 3.0 Port
- ✓ 1x DC out connector
- ✓ 1x Reset button
- ✓ 1x DC jack

LEDs

- ✓ Power, WLAN, WAN, LAN, SFP, USB

DIMENSIONS (L x W x H)

- ✓ 184.6 x 139 x 33 mm (7.27 x 5.47 x 1.3 in.)

WEIGHT

- ✓ 715 g (1.58 lb)

POWER

- ✓ 802.3at Gigabit PoE (WAN port)
- ✓ 24-48V passive Gigabit PoE
- ✓ 12 VDC, 2.5 A
- ✓ 24 W maximum

OPERATING ENVIRONMENT

- ✓ Operating Temperature: 0C° to +45C°
- ✓ Storage Temperature: -20C° to 70C°
- ✓ Operating Humidity: 5 to 90% non-condensing (RH)
- ✓ Storage Humidity: 5 to 90% non-condensing (RH)

REGULATORY / STANDARDS COMPLIANCE

- ✓ FCC/IC
- ✓ CE
- ✓ VCCI/TELEC
- ✓ NCC/BSMI
- ✓ RCM

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, 3T4R, dual-band, dual-concurrent (2.4 GHz and 5 GHz)
- ✓ Supports up to 8 SSIDs per radio
- ✓ Optional single band available
- ✓ IEEE 802.11e Wi-Fi Multimedia (WMM-QoS)
- ✓ WEP (64/128-bit), WPA, WPA2-PSK, WPA2-AES, PSK, and Enterprise
- ✓ Admission control by client MAC address
- ✓ Dual flash image support

RF PERFORMANCE (TX)

- ✓ 2.4 GHz: 29 dBm @ MCS0, 26 dBm @ MCS7
- ✓ 5 GHz: 28 dBm @ MCS0, 24 dBm @ MCS9

APPLICATIONS

- ✓ Fixed Wireless Access (broadband)
- ✓ 3G/4G Offload
- ✓ Managed Wi-Fi Services

Contact



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