SkyFire™ AC

Cloud-Enabled Outdoor AP/CPE/PTP

IgniteNet™'s SkyFire™ AC is the world's first outdoor dual-radio (dual-band concurrent) AP/CPE/PTP featuring the newest wireless and cloud technologies. The SkyFire™ AC contains 2 ultra-high powered 2x2 MIMO radios with one 802.11ac (5GHz) radio and one 802.11n (2.4GHz) radio capable of delivering blisteringly fast wireless speeds. The SkyFire™ AC is also available in single-band, single-radio versions to meet a variety of customer requirements and challenges.

Cloud-Enabled Networking

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

Dual Band AC1200 Operation

The SkyFire™ 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 SkyFire™ 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 Weather-Resistant Design

The SkyFire™ AC features a hybrid metal/plastic design built to withstand the harshest environments including precipitation, hot/cold weather and high/low humidities.

FEATURES

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

LEDs
› Power, Ethernet, Wireless, Health/Status, Aiming

DIMENSIONS (L x W x H)
› 280 x 90 x 50 mm (11.02 x 3.54 x 1.97 inch)

WEIGHT
› 500 g (1.1 lb)

POWER
› 24V/1A passive Gigabit PoE

OPERATING ENVIRONMENT
› Operating Temperature: -40 to +70C° (-40 to 158 F)
› Store Temperature: -40C° 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: Various options, see SKU
› 5GHz: Various options, see SKU

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
› Fixed Wireless Access (broadband)
› 3G/4G Offload
› Managed WiFi Services

ORDERING INFORMATION

Part Number	Description
SF-AC1200-XX	Dualband Outdoor AP/CPE/PTP w/ integrated 18dBi 5GHz antenna + 2x RPSMA (2.4GHz)
SF-AC1200-1-XX	Dualband Outdoor AP/CPE/PTP w/ 2x RPSMA (5GHz) + 2x RPSMA (2.4GHz)
SF-AC1200-2-XX	Dualband Outdoor AP/CPE/PTP w/ integrated 7dBi 2.4GHz & 15dBi 5GHz antenna
SF-AC866-XX	5GHz Outdoor AP/CPE/PTP w/ integrated 18dBi 5GHz antenna
SF-AC866-1-XX	5GHz Outdoor AP/CPE/PTP w/ 2x RPSMA (5GHz)

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

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