



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. The innovative IP-55 standards rated enclosure, allows SkyFire™ AC to withstand harsh and bring fast wireless connections to hard-to-reach locations.

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
- › IP-55 standards rated enclosure

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)**