

Wifi-soft  
**DATASHEET**

**UniMax UM510AC  
Access Point**

The Wifi-soft Dual Radio 802.11ac Wireless Access Point (AP) delivers high performance for wireless hotspot network deployments and supports dual concurrent operation at 2.4GHz and 5GHz bands with combined throughput of 1.2Gbps (300Mbps at 2.4GHz and 900Mbps at 5GHz). 510AC is a pole/wall-mount wireless Access Point based on IEEE 802.11a/g/n/ac protocol and MIMO technology. The AP supports PoE power supply and thus can be installed easily where power is not readily available.



[www.wifi-soft.com](http://www.wifi-soft.com) | +91 (20) 3018 5500 | [sales@wifi-soft.com](mailto:sales@wifi-soft.com)

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**UniMax UM510AC  
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Dual Radio 802.11ac  
Wireless Access Point

# IDEAL DEPLOYMENT

## UNIMAX UM510AC

ACCESS POINT



# FEATURES

## High performance and superior coverage

- ▶ Gives up to 4x the speed of 802.11n networks
- ▶ Maximize coverage for optimal deployment
- ▶ Auto-channel selection, band-steering, meshing
- ▶ Built-in AAA module for Wi-Fi hotspot networks

## Easy to Configure

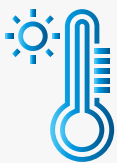
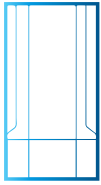
- ▶ Cloud, controller or stand-alone modes for configuration
- ▶ Plug and play device with auto-configuration sync

## Comprehensive security

- ▶ Supports wireless security features (WPA, WPA2)
- ▶ MAC based Access Control List to protect against intruders

## Interoperate with both new and legacy clients

- ▶ Supports latest 802.11ac wireless clients to achieve maximum speed
- ▶ Backward compatible to allow legacy devices to connect at their fastest speed



## AP Characteristics

AP Throughput and Max Users

Radios (built-in)

Radio Operation Modes

AP Operation Modes

Wi-Fi Alliance Certification

Antenna

Ethernet Interface

Reset Button

Power and POE Specification

Size

Weight

## TECHNICAL SPECIFICATIONS



1200 Mbps ; 100+ users (AP Mode)

2.4GHz:802.11b/g/n; 5GHz: 802.11a/n/ac

Wi-Fi Access Point, Gateway, Local Meshing

Cloud managed, Autonomous

a/b/g/n/ac Wi-Fi certified

Internal MIMO antenna, Two 5dBi 2.4GHz and Two 5dBi 5GHz

1 \* 10/100 /1000Mbps RJ45 WAN Port;  
1 \* 10/100 Mbps RJ45 LAN Port

1 \* Reset button, press 15 seconds to revert to factory setting

DC IN:12V/1.5A, PoE IN:48V/0.5A; IEEE 802.3af/802.3at PoE compliant with Gigabit Ethernet

33cm X 14cm

870 gm

2.412 - 2.462 GHz (1 - 11 channels); 5.180 - 5.320 GHz (36 - 64 channels);  
5.500 - 5.700 GHz (100 - 144 (excluding 5600-5670 MHz) channels);  
5.745 - 5.825 GHz (149 - 165 channels)

2.412 - 2.472 GHz (1 - 13 channels); 5.180 - 5.320 GHz (36 - 64 channels);  
5.500 - 5.700 GHz (100 - 140 (excluding 5600-5650 MHz) channels)

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## Frequency Band and Operating Channels

Americas

European Union

Taiwan

Japan

Israel

Rest of the World

## Environment

Operating Temperature

Operating Relative Humidity

Non-operating/Storage Temperature

Non-operating/Storage Relative Humidity

32°F to 122°F (0°C to 50°C)

5% to 95%, noncondensing

-40°F to 158°F (-40°C to 70°C)

5% to 95%, noncondensing