



Wifi-soft **DATASHEET**

UniMax UM310AC 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 a combined throughput of 1.2Gbps (300Mbps at 2.4GHz and 900Mbps at 5GHz). 310AC is a ceiling-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.



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Wifi-soft **UniMax UM310AC Access Point** DATASHEET

Dual Radio 802.11ac
Wireless Access Point

IDEAL DEPLOYMENT

UniMax UM310AC

ACCESS POINT



Mall &
Supermarket



Hotel
& Resort



Classroom &
Conference



Airport &
Station



FEATURES

High performance and superior coverage

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

Easy to Configure

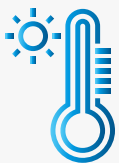
- ▶ Cloud, controller or stand-alone modes for configuration
- ▶ Plug and play device with auto-configuration sync

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

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

198mm X 28mm

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