

Wifi-soft

## **DATASHEET** **UniMax UM530AC** **Rugged 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). UM530AC is a rugged outdoor wireless Access Point based on IEEE 802.11a/g/n/ac protocol and MIMO technology. It comes with an IP66 metal enclosure and 4 external antennae, and The AP supports PoE power supply thus can be installed easily where power is not readily available.



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## Wifi-soft **UniMax** **UM530AC** **Access Point**

D A T A S H E E T

**1200 Mbps Wireless AP**  
External omni directional antennae  
POE power supply  
Rugged IP66 Enclosure

# IDEAL DEPLOYMENT

**UNIMAX 530AC**  
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

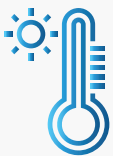
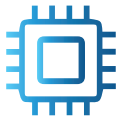
- ▶ Cloud, controller or stand-alone modes for configuration
- ▶ Plug and play device with auto-configuration sync

### Comprehensive security

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

### Interoperate with both new and legacy clients

- ▶ Support 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 and Controller managed, Autonomous

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

External MIMO antenna, Two 8dBi 2.4GHz and Two 12dBi 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 for Gigabit Ethernet

230mm X 280mm

4 Kg



## Frequency band and Operating channels

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);  
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Americas

European Union

Taiwan

Japan

Israel

Rest of the world

## Environment

Operating temperature

32°F to 122°F (0°C to 50°C)

Operating relative humidity

5% to 95%, noncondensing

Non-operating/Storage temperature

-40°F to 158°F (-40°C to 70°C)

Non-operating/Storage relative humidity

5% to 95%, noncondensing