

WIFI-SOFT DATASHEET

UniMax UM310N Access Point

The Wifi-soft UM310N is a Ceiling/Wall mount, indoor wireless Access Point based on IEEE 802.11n protocol and MIMO technology. It offers transmission rates upto 300 Mbps and is backward compatible with IEEE 802.11b/g equipment. The AP is powered by PoE power supply thus can be installed easily where power is not readily available. UM310N comes with unique watchdog technology that automatically recovers from abnormal problems, optimizes the network and intelligently restarts in case of failures.



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WIFI-SOFT UniMax UM310N Access Point

DATASHEET

Single Radio 802.11g/n
Wireless Access Point

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IDEAL DEPLOYMENT

UNIMAX UM310N

ACCESS POINT



Mall &
Supermarket

Café &
Restaurant

Classroom &
Conference

Hotel &
Resort

FEATURES

High performance and superior coverage

- ▶ Gives up to 300 Mbps link speed
- ▶ Maximize coverage for optimal deployment
- ▶ Auto-channel selection, meshing
- ▶ Built-in AAA module for Wi-Fi hotspot networks

Interoperate with both new and legacy clients

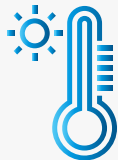
- ▶ Supports IEEE 802.11n/g wireless clients to achieve maximum speed
- ▶ Backward compatible to allow legacy devices to connect at their fastest speed

Comprehensive security

- ▶ Supports wireless security features (WPA, WPA2)
- ▶ MAC based Access Control List to protect against intruders Interoperate with both new and legacy clients

Interoperate with both new and legacy clients

- ▶ Supports both cloud mode as well as stand-alone mode
- ▶ Simple setup in minutes with intuitive Graphical User Interface (GUI)



AP characteristics

AP Throughput and Max users

Radios (built-in)

Radio operation modes

AP operation modes

Certification

Antenna

Ethernet Interface

Reset Button

Power and POE specification

Size

TECHNICAL SPECIFICATIONS



300 Mbps ; 50+ users (AP Mode)

2.4GHz:802.11b/g/n

Wi-Fi Access Point, Gateway, Local Meshing

Cloud managed, Autonomous

FCC, CE Wi-Fi certified

Internal MIMO antenna, Two 5dBi 2.4GHz

1 * 10/100 Mbps 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 PoE compliant

198mm X 28mm

2.412 - 2.462 GHz (1 - 11 channels)

2.412 - 2.472 GHz (1 - 13 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