

PRODUCT DATASHEET



UniMax UM220N Desktop Mount AP

The Wifi-soft UniMax UM220N AP is specially designed low cost cloud managed solution for Small and medium size businesses (SMBs). The AP can be used to offer WiFi hotspot service at café, restaurants and other public places. UM220N support IEEE 802.11n mode and allows link speed upto 300Mbps enabling most of the smartphone devices to connect at maximum speed. It supports upto 40 concurrent WiFi users. Integrated advertisement module helps business to run WiFi advertisement and marketing at a very affordable price.

Software Specification

UM220 WiFi AP Software Features

- Cloud managed WiFi Access Point
- Plug-and-play operation
- Multiple SSIDs (upto 4) to support private and public WiFi networks
- Hotspot functionality in both bridge and router mode
- Local web admin interface to support static network configuration
- RF data logging and troubleshooting
- Auto-channel selection
- Web filtering, URL logging
- Firewall, user isolation and access control

Hardware packaging includes following items

- One UniMax UM220N WiFi AP
- One 9V/1A power adaptor
- One Cat 5 Ethernet cable

Hardware Specification

UM220 WiFi AP Hardware Features

- Operates in 2.4 GHz frequency band
- IEEE 802.11 b/g/n standard compliant
- Physical data rate upto 300 Mbps
- 1 WAN and 4 LAN ports- 10/100 Mbps
- Backward compatible to allow legacy devices to connect at their fastest speed
- Three main LED indicators – Power, WiFi and Internet, 4 LED indicators for LAN ports
- One hardware reset button
- 3dBi 2.4 GHz antennas
- Operating temperature: ~40 degree Celsius

Technical Specifications

AP characteristics	
Radios (built-in)	One radio 2.4GHz IEEE 802.11b/g/n standard
Frequency Range	2.412-2472 GHz
Operating Channels	1-11(US); 1-13 (Europe); 1-13 (Japan);
Physical data rate and Max users	300 Mbps ; 40+ users (AP Mode)
Radio operation modes	Wi-Fi Access Point, Gateway, Local Meshing, 4 SSIDs per radio
AP operation modes	Software controller managed, Autonomous mode
Wi-Fi Standards	IEEE 802.11 b/g/n
Protocols	IPv4, IPv6, SSH, SNMP, HTTPS, AAA
Antenna	External 2x2 MIMO, 3dBi antenna for 2.4GHz
Maximum Transmit Power & Receive Sensitivity	11N: 15dBm +- 3dBm; -68 dBm 11G: 15dBm +-3dBm; -70 dBm 11B: 18dBm +-3dBm; -82 dBm
Ethernet Interface	1 10/100M Auto MDI/MDIX WAN port; 4 10/100M Auto-MDI/MDIX LAN ports
Reset Button	1 * Reset button, press 15 seconds to revert to factory setting
Power specification and Power consumption	DC IN: 5V/1A; < 5Watt
LED buttons	Power/WLAN/WAN/LAN1/LAN2/LAN3/LAN4
Environment	
Operating temperature	32°F to 104°F (0°C to 40°C)
Operating relative humidity	10% to 90%, noncondensing
Non-operating/Storage temperature	-40°F to 158°F (-40°C to 70°C)
Non-operating/Storage relative humidity	10% to 90s%, noncondensing

For more information or demo, please contact us at following address

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