

Wifi-soft
DATASHEET

**UniMax UM210N
Access Point**

UniMax UM210N is In-Wall, indoor wireless Access Point using IEEE 802.11n protocol and MIMO technology. It offer transmission rates of 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. UM210N 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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**UniMax UM210N
Access Point**

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300M In-Wall Wireless AP Intensive Room Use

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IDEAL DEPLOYMENT

UniMax UM210N

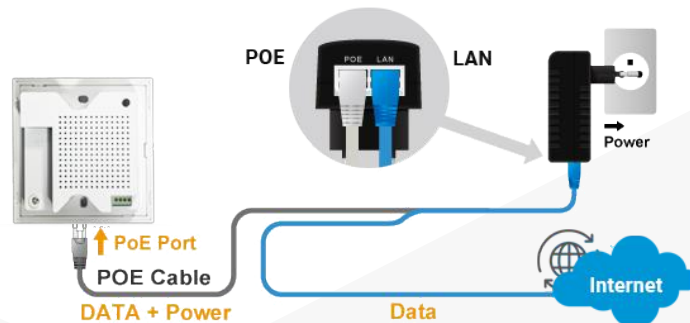
ACCESS POINT



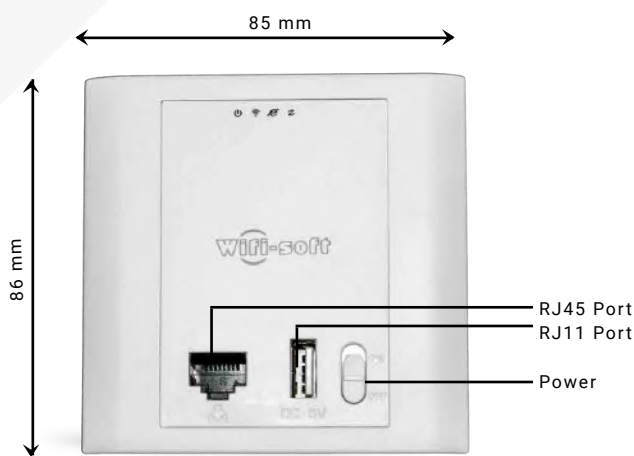
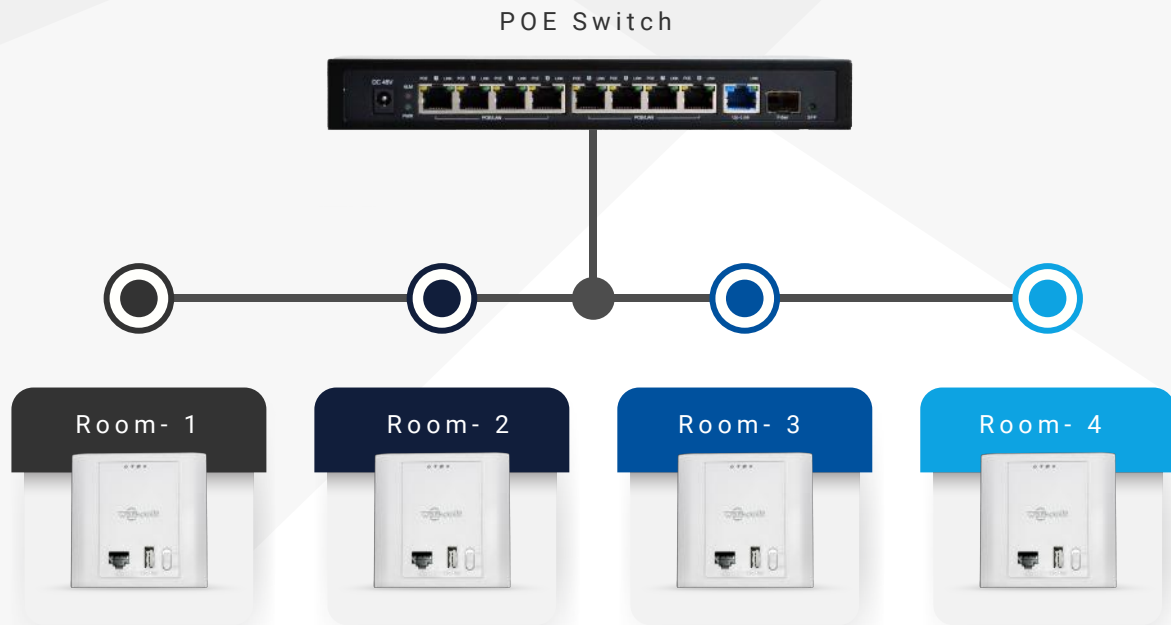
UM210N is ideal for wall mount wireless installations in enterprises/offices, homes, hotels and student housing. The AP can be installed in the socket in the wall so wires or adapters are seen hanging from the APs. The sleek and modern look easily integrates with the aesthetics of the place.



DEPLOYMENT SCENARIO



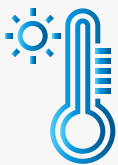
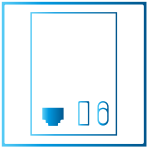
DEPLOYMENT SCENARIO



The diagram on the right shows the front panel of the access point. The AP comes with RJ-11 (PSTN phone) and RJ-45 port. These can be used for connecting laptop/switch for Internet access and regular phone.

The back panel of the access point is shown on the left. The radiating vents provide air circulation. There are 4 connections available for connecting the twisted pair cable to RJ-11 port. The AP is powered by regular 48V POE power supply.





Wireless

Standards

Data Rate

Frequency Range

Wireless Transmit Power

Modulation Type

Receive Sensitivity

Operation Mode

Wireless Security

TECHNICAL SPECIFICATIONS



IEEE 802.11n, IEEE 802.11g, IEEE 802.11b

11n: 300Mbps, 11g: 54Mbps, 11b: 11Mbps

2.4-2.4835GHz

15 dBm / 3 DBi

OFDM/CCK/16-QAM/64-QAM

270M: -68dBm@10% PER
130M: -68dBm@10% PER
108M: -68dBm@10% PER
54M: -68dBm@10% PER
11M: -85dBm@8% PER
6M: -88dBm@10% PER

Router, AP, Repeater

64/128-bit WEP, WPA/WPA2, WPA /WPA2-Personal (TKIP/AES)

2 x 10/100Mbps LAN/WAN Port

1 x RJ11 Port

Reset Button

MIMO 2dBi Build-in omni-directional Antenna

IEEE 802.3af PoE

86*86*68mm

Hardware

Interfaces

Button

Antenna

Power Supply

Dimensions(W x D x H)

Environment

Operating temperature

0°C~40°C (32°F~104°F)

Storage Temperature

-40°C~70°C (-40°F~158°F)

Relative Humidity

10% ~ 90%, Non-condensing

Storage Humidity

5%~95%, Non-condensing

Certifications

RoHS