

Wifi-soft
DATASHEET

**UniMax UM210N
Access Point**

UniMax UM210N is an In-Wall, indoor wireless Access Point which uses IEEE 802.11n protocol and MIMO technology. It offers transmission rates of 300 Mbps and is backward compatible with IEEE 802.11b/g equipment. The AP is powered by a PoE power supply and thus can be installed easily where power is not readily available. UM210N comes with a unique watchdog technology that automatically recovers from abnormal problems, optimizes the network and intelligently detects and avoids interference.



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**UniMax UM210N
Access Point**

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300M In-Wall Wireless AP
Intensive Room Use

IDEAL DEPLOYMENT

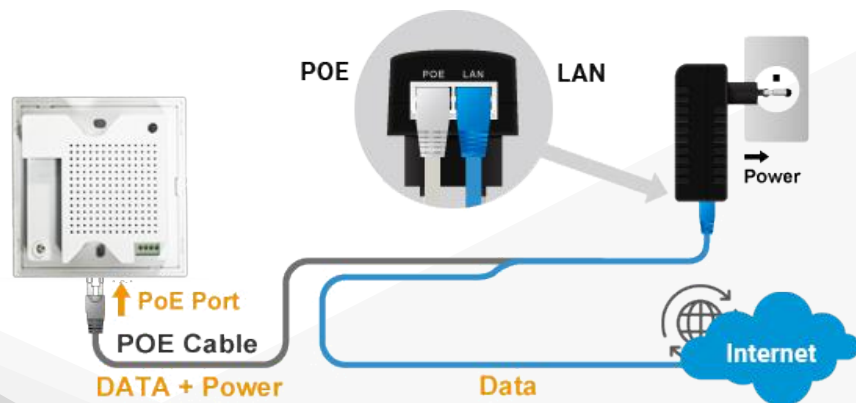
UniMax UM210N

ACCESS POINT

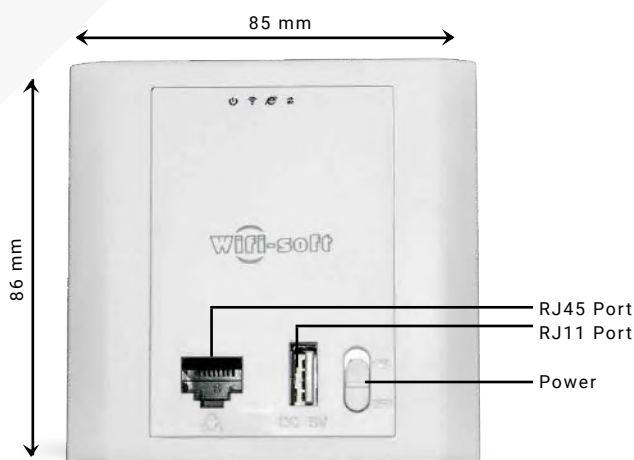
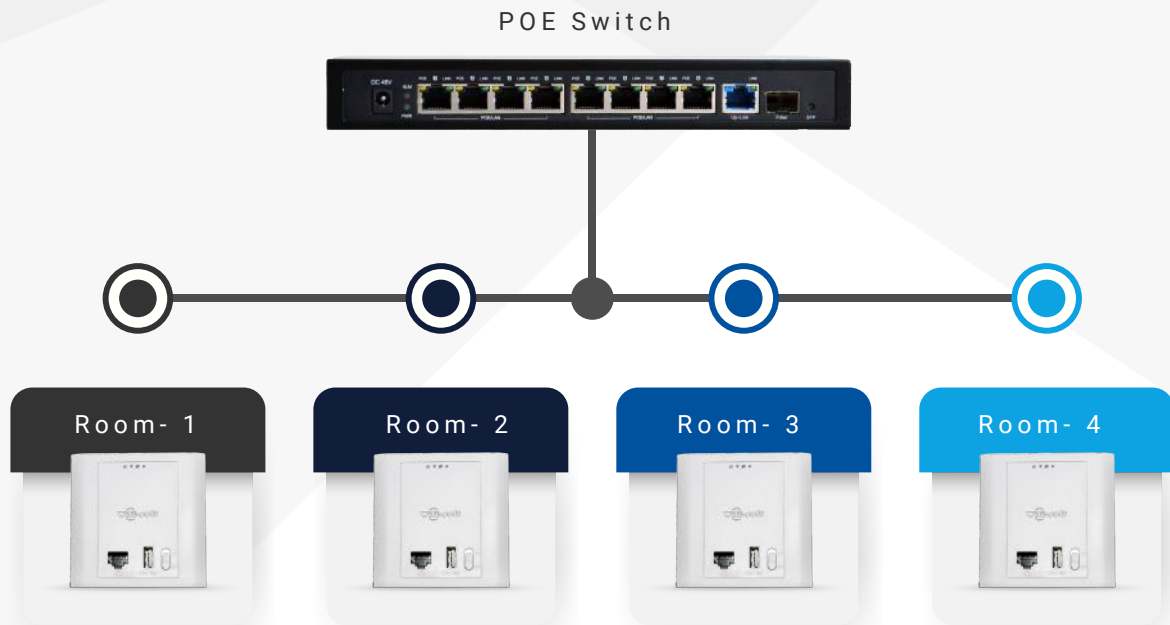


UM210N is ideal for wall mount wireless installations in enterprises/offices, homes, hotels and student housing. The AP can be installed in the socket of the wall so wires or adapters are not seen hanging from the APs. The sleek and modern look easily integrates with the aesthetics of the place.

DEPLOYMENT SCENARIO



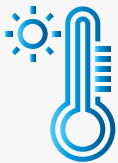
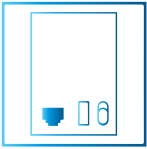
DEPLOYMENT SCENARIO



The diagram on the left 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 laptops/switch for Internet access and a regular phone.

The back panel of the access point is shown on the right. 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 a regular 48V POE power supply.





TECHNICAL SPECIFICATIONS

Wireless

Standards

IEEE 802.11n, IEEE 802.11g, IEEE 802.11b

Data Rate

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

Frequency Range

2.4-2.4835GHz

Wireless Transmit Power

15 dBm / 3 DBi

Modulation Type

OFDM/CCK/16-QAM/64-QAM

Receive Sensitivity

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

Operation Mode

Router, AP, Repeater

Wireless Security

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

Hardware

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

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