

WCM300aa



High Giga Capability and Less Interference, Effectively Broaden Wi-Fi Coverage

QNO WCM300aa Access Point

Ceiling and wall mount style to give flexible installation.

QNO WCM300aa is the access point which specially designs for big and complex space. The model contains the 2T2R directional antenna with less interference to ensure every corner has signal. It complies with IEEE802.b.g.n standard; transmission rate reaches 1 gigabit which provides fluent flow for browsing websites or download. The model can be installing in two ways, ceiling and wall mount style. Users can install it base on their need, also, it is designed in simple pure white to match with all types of interior design.

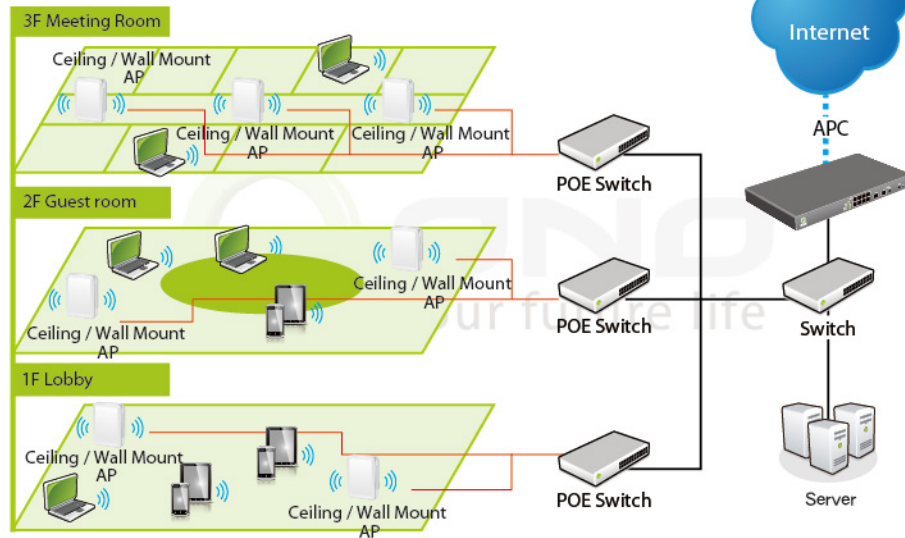
WCM300aa applies the IEEE802.3AT / AF high capability PoE function. Not only it supports power over Ethernet but also support powering on LAN port to achieve power bridge effect. Therefore, WCM300aa can save space, reduce cables and eliminate the requirement for the dedicated electrical outlets to lower the installation cost.

In addition, WCM300aa complies with CAPWAP (RFC 5415、 RFC 5416) protocol and support access point controller to do unified central management. Remotely monitoring AP status, upgrade software and even user bandwidth management can also be managed easily.

Product Feature:

- Comply with IEEE802.3AT、 IEEE802.3AF.
- Follow IEEE802.11b / g / n standard.
- Transmission rate reaches 1 gigabit, real giga model.
- 2T2R directional antenna, less interference and wide coverage.
- CAPWAP protocol: QNO WCM300aa follow CAPWAP(RFC 5415、 RFC 5416) protocol which announced by IETF. It has the advantage of unified central management.
- Unified management: Support access point controller (APC) remote connection setting mode, network administrator can monitor operation and process hardware upgrade in distance.
- One Step: Connect AP to APC' s LAN to complete connection.
- Through APC' s MAC ACL function to manage APC.
- Support function of disable SSID broadcast.
- Support four sets of disable SSID broadcast.
- MDI / MDIX Provide 2 10 / 100 / 1000M Ethernet interface and support automatic MDI / MDIX.
- Support multiple encryption and security system, ensure safe data transmission.
- wall mount style, flexible structure.

QNO Ceiling/Wall Mount AP Application



Model	WCM300aa
Standard	IEEE 802.11n、IEEE 802.11g、IEEE 802.11b、IEEE802.3af、IEEE 802.3、IEEE 802.3u、IEEE 802.3x
CPC	AR9342
Flash/DRAM	16M / 64MB
WAN Port	1(10 / 100 / 1000)
LAN Port	1 (10 / 100 / 1000)
Wireless Antenna	2T2R
Wireless Frequency Bands	2.4GHz
Wireless Transmission Rate	Up to 300Mbps
Transmit Power	802.11n 26dBm + 2dBm 802.11g 26dBm + 2dBm 802.11b 26dBm + 2dBm
Receiver Sensitivity	IEEE802.11n : MCS0@ - 88dBm; MCS7 @ -71dBm IEEE802.11g : 6Mbps@ - 88dBm; 54Mbps@ -75dBm IEEE802.11b : 1Mbps@ - 92dBm; 11Mbps@ - 88dBm
CAPWAP	Follow IETF announced CAPWAP (RFC 5415、RFC 5416) standard
Supported Structure	Local AP By APC Server
Interface	SSID, authentication, encryption, channel, output power.
SSID	VLAN(DHCP by VLAN)、MAC Address Filtering、Broadcast SSID
Fast Roaming	•
Authentication	Open WEP、Shared WEP、WEP Auto、WPA Personal、WPA Enterprise、WPA2 Personal、WPA2 Enterprise、WPA/WPA2 Personal Mixed Mode、WPA/WPA2 Enterprise Mixed Mode、802.1X
Recommended connection number	1 ~ 50
Environment	Operation temperature : 0°Cto50°C Storage temperature : - 40°Cto70°C Operation humidity : 5% to 95% RH No froze Storage humidity : 5% to 95% RH No froze
Dimension(L × W × H)	225 × 130 × 40mm
Power Input	5V2A
Certification	FCC、CE、RoHS

QNO reserves the rights of specification alternation. For the latest specification, please check QNO official website.