



FR-WA30212ACP-C

AC2100 Wireless Three Band Gigabit Router

Main Features

- Wave MU-MIMO wireless technology Connect more faster
- 2.4G&5.2G&5.8G Three band 2.1Gbps High Power Wireless ceiling AP
- Support IEEE802.3at PoE power supply function
- Built-in wireless signal amplifier , meet the remote transmission and large area coverage
- Supports 64/128-bit WEP encryption and WPA-PSK, WPA2-P SK security

Description

The FR-WA30212ACP-C is a high performance wireless Ceiling AP Based on 802.11ac standard, providing up to 2.1Gbps wireless data transmission rate. Built-in wireless signal amplifier. Providing remote transmission and full coverage and have strong signal penetration, the ceiling type installation design, this would be suitable for enterprises, hotels, airports, schools and other public places of indoor, to achieve high-speed network coverage. At the same time the product support Ethernet PoE power and external power adapter, support the 802.3at standard power supply, so that the AP can also be installed in places without power supply, reduce cost of installation, it is more convenient to installation and use, flexible network installation design , improved the traditional design.

Application topology



Features

- Wave2 MU-MIMO wireless technology Connect more faster
- Ceiling mount, with the standard of 802.3at PoE power supply, comfortable for network setup
- One 10/100/1000Mbps WAN port ,Two 10/100/1000Mbps LAN port
- Support 2.4&5.2&5.8G Three-band complicating so fast and more clients can access in
- Support the standard of IEEE802.11a/b/g/n/ac
- AP transmit power linearly can be adjusted to different environments
- Support up to 2.1Gbps wireless transmission rate, with the rate adaptive feature that automatically adjust the wireless transmission rate
- Built-in 3dBi antenna, effectively improve the quality of the wireless signal
- Automatically select the best channel, can effectively avoid the co-channel interference and improve network stability
- Provide a variety of measures to ensure network security, such as 64/128-bit WEP, WPA / WPA2, WPA-PSK / WPA2-PSK encryption and security mechanism
- MAC address-based access control can effectively control access rights, support local and remote web management

Specification

Model Name		FR-WA30212ACP-C
Chipset		IPQ4019+QCA8075+QCA9886
CPU Frequency		716.8MHZ
RAM capacity		256M Bytes DDR3
ROM capacity		32M Bytes SPI Flash
Standards and Protocols	Wireless	5GHz: IEEE 802.11ac,IEEE 802.11n,IEEE 802.11a 2.4GHz: IEEE 802.11n,IEEE 802.11g,IEEE 802.11b
	Wired	IEEE802.3i,IEEE802.3u,IEEE802.3ab,IEEE 802.3at
Operating Frequency		2.4GHz & 5.2GHz & 5.8Ghz
Signal Rate		802.11n: up to 400Mbps 802.11ac:up to 2134Mbps

Modulation	IEEE 802.11b: CCK,QPSK,BPSK IEEE 11g/a: OFDM IEEE 11n: QPSK,BPSK,16-QAM,64-QAM IEEE 11ac: BPSK,QPSK,16QAM,64QAM,256QAM
Transmit Power	2.4GHz:<23dBm 5GHz:<22dBm
Indicators	5G WLAN LED , Power LED ,2.4G WLAN LED
Interfaces	1xWAN:RJ45,10/100/1000M Base-T Interface, Auto MDI/MDI-X support, Support IEEE802.3at POE power supply function; 2xLAN:RJ45,10/100/1000M Base-T Interface, Auto MDI/MDI-X support 1x Power DC Jack
Button	Reset
Antenna	2.4G:2 piece of built-in 3dBi antenna 5G: 4 piece of built-in 3dBi antenna
Power Supply	IEEE802.3at standard POE or DC 12V/1.5A EPS
Dimensions (W x D x H)	180*180*25.5mm
Environment	Operating Temperature: 0°C~45°C Storage Temperature: -40°C~70°C Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

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■ Software Specification

<p>Practical function</p> <ul style="list-style-type: none"> ● QoS ● DDNS ● The TFTP server ● UPNP ● Scheduled tasks ● Access control ● WPS ● Wireless relay 	<p>Network Settings</p> <ul style="list-style-type: none"> ● WAN connection types supported: PPPoE, DHCP, Static IP, PPTP, L2TP ● The MAC address clone and modify ● Static routing and routing table ● Diagnostics ● Hostname 	<p>System configuration</p> <ul style="list-style-type: none"> ● Software upgrade ● Save&reload settings ● System log ● NTP server ● Language & Style ● SSH access
<p>Security Settings</p> <ul style="list-style-type: none"> ● Administrator ● LAN WEB management ● Remote WEB management 	<p>DHCP Settings</p> <ul style="list-style-type: none"> ● DHCP Server ● DHCP Client ● The client list ● Static IP 	<p>Firewall</p> <ul style="list-style-type: none"> ● DMZ ● Port Forward
<p>Wireless basic function</p> <ul style="list-style-type: none"> ● 5G&2.4G Three band ● Disable Wireless LAN Interface ● SSID Broadcast ● 2.4GHz Band: 802.11b only, 802.11g only, 802.11g/n mixed ● WDS ● Mutiple SSID ● Country code 	<p>Wireless Security</p> <ul style="list-style-type: none"> ● 64/128-bit WEP encryption and WPA-PSK, WPA2-PSK 	