



300Mbps Wireless PoE Ceiling Mount Access Point FR-WA3024NP-F

Major features

- 300M Wireless ceiling AP
- Support POE power supply function
- Supports 64/128-bit WEP encryption and WPA-PSK, WPA2-PSK security
- Supports remote Web management and software upgrades

Description

The FR-WA3024NP-F 300Mbps Wireless Ceiling AP is based on 802.11n standard, using MIMO, OFDM technology, providing up to 300Mbps wireless data transmission rate. FR-WA3024NP-F which the wireless power up to 158 mW with PA design, providing remote transmission and greater 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 Middle-speed network coverage. At the same time the product support Ethernet POE power and external power adapter, support the 802.3af 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, improved the traditional network layout. FR-WA3024NP-F also provides a very convenient and comprehensive network management functions, support a variety of wireless data encryption, can guarantee the safety of data in the wireless network transmission, support for IP, AP SSID, encryption, upgrade, reset, reset and other management functions.

Application of topology



Features

- Provide 1 x 10/100Mbps RJ45 Uplink LAN interface, support 802.3af POE standard power supply
- Provide 2 x 10/100Mbps RJ45 Downlink LAN interface
- Comply with 802.11b/g/n wireless protocol, providing up to 300Mbps wireless rate
- Wireless Middle power up to 158 mW, meet the remote transmission and large area coverage
- Support AP, WDS mode, can easily realize the wireless AP, wireless repeater, a wireless point-to-point, point to multipoint wireless bridge
- Support 64/128 bit WEP encryption, WPA/WPA2, WPA-PSK/WPA2-PSK encryption and security mechanism
- Support Web interface management, which can be configured and management of the rich AP
- Using ceiling type installation design, indoor decoration. With small size, simple installation and stability

Product specifications

Model Name		FR-WA3024NP-F
Chipset		QCA9533
CPU Frequency		550MHz
RAM capacity		128MByte(DDR2)
ROM capacity		16MByte(SPI flash)
Standards and Protocols	Wireless	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
	Wired	IEEE802.3, IEEE802.3u
Operating Frequency		2.4GHz
Signal Rate		Up to 300Mbps
Modulation		IEEE 802.11b: CCK, QPSK, BPSK IEEE 11g/a: OFDM IEEE 11n: QPSK, BPSK, 16-QAM, 64-QAM
Transmit Power		≤ 22dBm
Indicators		System/Power, WAN, LAN1, LAN2
Interfaces		1*10/100Mbps Uplink LAN Port, support 802.3af standard POE power supply 2*10/100Mbps Downlink LAN Port
Button		1*Reset
Antenna		2* 2dBi built-in FPC antenna
Power Supply		12V/1A Power adapter or IEEE802.3af standard POE
Dimensions (W x D x H)		180 X 180 X 24mm
Environment		Operating Temperature: 0°C~40°C Storage Temperature: -40°C~70°C Operating Humidity: 10%~90% RH non-condensing Storage Humidity: 5%~90% RH non-condensing

Software Specification

<p>Practical function</p> <ul style="list-style-type: none"> ● DDNS ● Wireless relay ● Quick Setup 	<p>Network Settings</p> <ul style="list-style-type: none"> ● WAN connection types supported: PPPoE、DHCP、Static IP、PPtP、L2TP ● MAC Clone ● Diagnostics ● Static Router 	<p>System configuration</p> <ul style="list-style-type: none"> ● Software upgrade ● Save&reload settings ● System log ● NTP server ● Language & Style
<p>Security Settings</p> <ul style="list-style-type: none"> ● WEB management ● Remote WEB management ● SSH access ● Telnet 	<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 ● Port/URL/MAC filter
<p>Wireless basic function</p> <ul style="list-style-type: none"> ● Wireless enable/disable ● WDS ● WPS ● Mutiple SSID 	<p>Wireless Security</p> <ul style="list-style-type: none"> ● 64/128-bit WEP Encryption ● WPA/WPA2、WPA-PSK/WPA2-PSKK 	