

## AC750 Wireless Dual Band PoE Ceiling Mount Access Point FR-WA3026ACP-E

### Main Features

- 2.4G&5G Dual Band 750Mbps
- 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-WA3026ACP-E AC750 Wireless Dual Band Gigabit PoE Ceiling Mount Access Point is based on 802.11n standard, using MIMO, OFDM technology, providing up to 750Mbps wireless data transmission rate. FR-WA3026ACP-E 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-WA3026ACP-E 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 topology



## Features

- Ceiling mount, with the standard of 802.3af POE power supply, comfortable for network setup
- One 10/100M Uplink LAN port and Two 10/100M Downlink LAN ports.
- Support 2.4&5G dual-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 750Mbps wireless transmission rate, with the rate adaptive feature that automatically adjust the wireless transmission rate
- Built-in omni-directional 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

## Product Specification

<b>Model Name</b>		FR-WA3026ACP-E
<b>Chipset</b>		QCA9531+QCA9887
<b>CPU Frequency</b>		650MHz
<b>RAM capacity</b>		128MByte(DDR2)
<b>ROM capacity</b>		16MByte(SPI flash)
<b>Standards and Protocols</b>	<b>Wireless</b>	IEEE 802.11n,IEEE 802.11g,IEEE 802.11b,IEEE 802.11a,IEEE 802.11ac
	<b>Wired</b>	IEEE802.3i,IEEE802.3u
<b>Operating Frequency</b>		2.4GHz,5GHz
<b>Signal Rate</b>		Up to 750Mbps
<b>Modulation</b>		IEEE 802.11b:CCK, QPSK, BPSK IEEE11g/a:OFDM IEEE11n:QPSK, BPSK, 16-QAM, 64-QAM IEEE 11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM
<b>Transmit Power</b>		2.4G ≤ 22dBm,5G ≤ 20dBm
<b>Indicators</b>		System/Power, WAN,LAN1,LAN2
<b>Interfaces</b>		1*10/100Mbps Uplink LAN Port,support 802.3af standard POE power supply 2*10/100Mbps Downlink LAN Port
<b>Button</b>		1*Reset
<b>Antenna</b>		2* 2dBi built-in 2.4G FPC antenna, 1*1dBi built-in 5G FPC antenna
<b>Power Supply</b>		12V/1A Power adapter or IEEE802.3af standard POE
<b>Dimensions ( W x D x H )</b>		180*180*24mm
<b>Environment</b>		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><b>Practical function</b></p> <ul style="list-style-type: none"> <li>● DDNS</li> <li>● Wireless relay</li> <li>● Quick Setup</li> </ul>	<p><b>Network Settings</b></p> <ul style="list-style-type: none"> <li>● WAN connection types supported: PPPoE、DHCP、Static IP、PPtP、L2TP</li> <li>● MAC Clone</li> <li>● Diagnostics</li> <li>● Static Router</li> </ul>	<p><b>System configuration</b></p> <ul style="list-style-type: none"> <li>● Software upgrade</li> <li>● Save&amp;reload settings</li> <li>● System log</li> <li>● NTP server</li> <li>● Language &amp; Style</li> </ul>
<p><b>Security Settings</b></p> <ul style="list-style-type: none"> <li>● WEB management</li> <li>● Remote WEB management</li> <li>● SSH access</li> <li>● Telnet</li> </ul>	<p><b>DHCP Settings</b></p> <ul style="list-style-type: none"> <li>● DHCP Server</li> <li>● DHCP Client</li> <li>● The client list</li> <li>● Static IP</li> </ul>	<p><b>Firewall</b></p> <ul style="list-style-type: none"> <li>● DMZ</li> <li>● Port Forward</li> <li>● Port/URL/MAC filter</li> </ul>
<p><b>Wireless basic function</b></p> <ul style="list-style-type: none"> <li>● Wireless enable/disable</li> <li>● WDS</li> <li>● WPS</li> <li>● Mutiple SSID</li> </ul>	<p><b>Wireless Security</b></p> <ul style="list-style-type: none"> <li>● 64/128-bit WEP Encryption</li> <li>● WPA/WPA2、WPA-PSK/WPA2-PSKK</li> </ul>	