

CA770

750Mbps Dual Band 802.11ac

Ceiling Mount Access Point



Main Features

- Compact ceiling-mount design with optimized RF performance
- 600Mhz Qualcomm QCA9531+QCA9887 RF Chipset, 802.11b/g/n/ac
- 128MB SDRAM + 16MB Flash Build-in for Higher Performance
- Gateway / Repeater / AP / Wireless ISP Client operation modes
- IEEE 802.3af or Passive PoE supports up to 100 meters (200 feet) deployment
- Wireless LAN Controller Central Management Support

Descriptions

CA770 is a PoE Ceiling Mount Access Point (AP) that using concurrent 2.4 GHz and 5.8Ghz featuring the advanced 802.11ac technology. The smoke detector look exterior makes the CA770 Series perfect for indoor ceiling-mount installation; with the optimized antennas built-in, its design solves the common interference issue in ceiling-mount deployments. The AP supports multiple operating modes, such as AP, Gateway, repeater and WISP, which makes it an ideal, flexible solution for small business, hotels and school environments.

AC LAN Controller Support

It supports AP LAN Controller for configuring, managing and monitoring multiple APs from one central location.

Dual band 750Mbps Wireless AC Speed –Extend Wireless Coverage

With wireless speeds of up to 750Mbps and advanced MIMO technology, the CA770 provides you with a fast, reliable wireless connection for lag-free online gaming and video streaming.

High Power and Whole Coverage

Embed with signal amplifiers, the RF power can be 500mW, Internally equipped with 2X 2 multiple-input, multiple-output (MIMO) 5dBi antennas guarantee continuous Wi-Fi coverage range up to 200 meters. Several shielding cans along the circuit board reduce interference for reliable connections to more WiFi devices.

PoE Support for Flexible Deployment

Outdoor AP can use an Ethernet cable to simultaneously send data and electricity wherever the AP may be located, as far as 200 feet away. This feature multiplies deployment options, allowing you to place the AP in a position that is most convenient to get the best signal possible, such as on the wall or the ceiling of your office.

WPA / WPA2 Encryptions - Advanced Security

With the most attentive wireless security, the CA770 High Power Wireless Access Point provides multiple protection measures. It can be set to turn off wireless network name (SSID) broadcast so that only stations that have the SSID can be connected. The AP provides wireless LAN 64/128/152-bit WEP encryption security, and WPA/WPA2 and WPA-PSK/WPA2-PSK authentication, as well as TKIP/AES encryption security.

Multiple Operation Modes

Versatile Access Point

- Bundled 48V IEEE 802.3af/at or Passive power over Ethernet also provides flexible installation options in hard-to-wire locations.
- Supports Ping Watch Dog which enables the device to reboot itself if the device has any errors. This self-recover feature reduces the time spent manually configuring the device.

Specifications

Wireless	
Standards	IEEE 802.11ac, IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, MIMO
Data Rate	2.4GHz: 300Mbps, 5.8GHz: 433Mbps
Frequency Range	2.4&5.8GHz
Country code	FCC, IC, ETSI, MKK, MKK1, MKK2, MKK3, NCC, RUSSIAN, CN
Modulation	OFDM = BPSK, QPSK, 16-QAM, 64-QAM DSSS = DBPSK, DQPSK, CCK
Wireless Transmit Power	2.4G - 11b/g: 29dBm, 11n HT20:28dBm, 11n HT40:28dBm 5.8G - 11a: 26dBm, 11n HT20:26dBm, 11n HT40:26dBm 11ac HT20:26dBm, 11ac HT40:25dBm, 11ac HT20:24dBm
Receive Sensitivity	2.4G - 11b@11Mbps:-95dBm, 11g@54Mbps:-82dBm, 11n HT20@MCS0/8:-95dBm, 11n HT20@MCS7/15:-78dBm 11n HT40@MCS0/8:-93dBm, 11n HT40@MCS7/15:-75dBm 5.8G - 11ac HT20@MCS0:-92dBm, 11ac HT20@MCS8:-70dBm, 11ac HT40@MCS0:-89dBm, 11ac HT40@MCS9:-65dBm, 11ac HT80@MCS0:-87dBm, 11ac HT80@MCS8:-62dBm,
Operation Mode	Gateway, Repeater(Extender), AP(access point), Wireless ISP Client
Wireless Security	64/128/152-bit WEP, WPA/WPA2, WPA /WPA2-Personal (TKIP/AES)
System Requirements	Windows 7/Vista/XP/2000, Mac OS®, Linux or Android OS, iOS
Hardware	
Chipset	Qualcomm QCA9531+QCA9887
Flash	16MB

SDRAM	128MB
Interfaces	1 x WAN RJ-45 for 10/100 Mbps(POE) 1 x LAN RJ-45 for 10/100 Mbps 1 x Power DC Jack
Button	1 x Reset button(Reset & Factory Defaults)
LED indicator	WiFi, Power, System
Antenna	4x built-in 5dBi omni-directional Antenna
Power Supply	IEEE 802.3af/at or POE 24V/12V1A;110V/220V
Dimensions(W x D x H)	168*168*27mm
Software	
Wireless Function	Auto-Channel selection Distance Control (802.1x Ack timeout) Multiple SSID (4 SSID for 2.4G, 4 SSID for 5.8G) WDS AP / WDS Bridge BSSID
Security	WEP Encryption-64/128/152 bit WPA/WPA2 Personal (WPA-PSK using TKIP or AES) WPA/WPA2 Enterprise (WPA-EAP using TKIP) Hide SSID MAC/IP Address & URL filtering Wireless STA (Client) connected list
DHCP	DHCP Server, DHCP Client
Network	Port Mapping, DMZ Host, Statics Routing, DDNS,UPNP
Firewall	IP Address/Port/MAC/URL Filter, ANI-DoS
Management	Firmware Upgrade and backup, factory Reset, Restart, WEB management, log management, the PING tool
Others	
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	CE,FCC,ROHS
Package Contents	1 x 750Mbps 802.11ac Access Point 1 x Mounting kits 1 x English Installation Guide