

# AC750 Wireless Dual Band Ceiling Mount AP

Model No. CA750

CA750 is a wireless dual band ceiling mount AP that specially designed for high-density, most demanding business environments, including hotels, schools and enterprises.

Adopting the next generation 802.11ac technology with dual band working concurrently, CA750 delivers combined Wi-Fi speed up to 733Mbps. The 802.3af/at PoE power supply and simple mounting design allows for flexible deployment and convenient installation.

Besides, CA750 supports centralized management by wireless LAN controller, more efficient and cost-effective for multiple APs control.



## Features

- Complies with IEEE 802.11ac/a/b/g/n standards for 2.4GHz and 5GHz Wireless LAN.
- Supports 802.3af/at PoE power supply to simplify the deployment.
- Up to 433Mbps on 5GHz and 300Mbps on 2.4GHz wireless speed.
- Qualcomm Atheros chipsets ensure high performance and stable Wi-Fi.
- High power output for long Wi-Fi range.
- Supports a maximum of 128 clients simultaneously.
- WLAN Controller for centralized management of AP.
- Three Wi-Fi networks(SSIDs) available for access management.
- Provides 64/128-bit WEP, WPA, WPA2 and WPA/WPA2 (TKIP+AES) security.
- AP/WDS/Repeater mode selectable for different requirements.
- Reboot Schedule provides better stability.
- More clear working status with three colors of LED.

### Specifications

Hardware	
<b>Interface</b>	- 1 *100BaseTX (Auto MDI/MDIX) LAN/PoE Port
<b>Button</b>	- 1 *RST button
<b>Power Supply</b>	- IEEE 802.3af/at PoE Power Supply
<b>LED Indicators</b>	- 1 *Status (Three Colors)
<b>Antenna</b>	- 2 *internal antennas
<b>Dimensions (D x H)</b>	- 9.6 x 2.2 in. (245 x 55 mm)
Wireless	
<b>Standards</b>	- IEEE 802.11ac, IEEE 802.11a IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
<b>RF Frequency</b>	- 2.4GHz/5GHz
<b>Data Rate</b>	- 5GHz: 433Mbps - 2.4GHz: 300Mbps
<b>EIRP</b>	- < 27dBm
<b>Wireless Security</b>	- 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
<b>Reception Sensitivity</b>	- 2.4G: 11b: <-79dbm; 11g: <-68dbm; 11n: HT20<-65dbm HT40: <-61dbm - 5G: 11a: <-68dbm 11ac: HT20<-65dbm HT40: <-61dbm HT80: <-51dbm

### Specifications

Software	
<b>Operation Mode</b>	<ul style="list-style-type: none"><li>- Bridge Mode</li><li>- Repeater Mode</li></ul>
<b>Network</b>	<ul style="list-style-type: none"><li>- LAN Status</li><li>- LAN Settings</li></ul>
<b>Wireless (2.4GHz/5GHz)</b>	<ul style="list-style-type: none"><li>- Wireless Status</li><li>- Basic Setting</li><li>- Multiple APs</li><li>- MAC Authentication</li><li>- WDS Setting</li><li>- Advanced Setting</li></ul>
<b>Management</b>	<ul style="list-style-type: none"><li>- System Log</li><li>- Administrator Setup</li><li>- Firmware Upgrade</li><li>- System Time</li><li>- Configuration backup/restore</li><li>- Misc Setup</li></ul>
Others	
<b>Package Contents</b>	<ul style="list-style-type: none"><li>- CA750 Wireless Ceiling Mount AP*1</li><li>- Quick Installation Guide *1</li></ul>
<b>Environment</b>	<ul style="list-style-type: none"><li>- Operating Temperature: 0℃~40℃ (32℉~104℉)</li><li>- Storage Temperature: -40℃~70℃ (-40℉~158℉)</li><li>- Operating Humidity: 10%~90% non-condensing</li><li>- Storage Humidity: 5%~90% non-condensing</li></ul>