

AP345

802.11ac Dual-Band Wireless Access Point

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Product Description

AP345 is a dual-frequency wi-fi access point designed for high-density environment, which is suitable for indoor high-density environments such as hotels, corporate offices, bars and cafes. The device supports 2.4GHz and 5GHz dual-band, and supports MIMO, OFDM and other technologies, and can provide the wireless transmission rate of double frequency and up to 1167Mbps. The built-in two 2.4G and 2 5G full - to high - gain MIMO antennas, the wireless coverage is more stable. Built-in power regulation mode, the user can adjust the transmitted power according to the actual environment. Support 802.3af/at PoE and DC power supply, deployment is easier. AP345 supports the unified management and deployment of ip-com full series controllers.



Key Features

- * High performance processor with up to 1GHz frequency, data processing is smoother
- * Dual-frequency concurrency provides a wireless rate of up to 1167Mbps and 256 access users
- * Supports dual power supply mode, which supports both standard POE AF/AT power supply and 12V1A DC power supply
- * With ip-com controller, it is convenient for centralized management

Product Features

Gigabit wireless speed

Support 802.11ac, 5G band can provide 867Mbps bandwidth, 1167Mbps access capability in total, can provide high speed, stable and fast wireless network.

Support MU-MIMO

AP345 support 11 ac WAVE2.0 standards support, multi-input multi-output (MIMO) technology can be realized through the MU - send data to multiple terminals at the same time, compared to common wireless serial communication mechanism, support WAVE2.0 AP345 can exponentially improve wireless spectrum resource utilization, greatly improved the wireless access of users and wireless rate, improve the user experience under the circumstance of high density.

Built-in RF intelligent optimization

Built-in radio frequency intelligent optimization technology, with a variety of anti-jamming algorithm, including the multi-user fair scheduling, interference filter, the rate of optimization, signal strength, security and other professional function guarantee high quality wireless experience.

Double frequency concurrent, higher access users

Support 2.4G and 5G dual frequency band concurrent, the highest support access user can reach 256

Support SSID and VLAN binding, the permissions partition is simpler

Support SSID and VLAN binding. According to the connection to different SSID, VLAN is divided to distinguish different access rights and protect network data security.

Dual power supply mode, flexible network

Support af standard PoE power supply and external DC power interface, support 12V1A DC power supply, can meet the power supply requirements in multi-environment, flexible networking.

Support wireless controller configuration to achieve integrated management and portability

Support for the unified configuration, monitoring and maintenance of ip-com controllers. Network administrators can manage, configure and monitor all AP devices only on the controller.

Specifications

Product Information	
Model	AP345
Deployment	Ceiling mount
Dimensions	184*184*38
Hardware Specifications	
Frequency range	2.4GHz,5GHz
Compliant standards	802.11a/b/g/n/ac
MU-MIMO	Support
wireless speed	1-1167Mbps
interface	1*10/100Base TX port
	1*DC power port
Button	1*reset
LED indicator	system
Max power consumption	<13W
Power supply	PoE af & 12V1A DC
Software Specifications	
Operating mode	AP.Client+AP
SSID hide	Support
SSID number	2.4GHz:8 5GHz: 4
WEP encryption	Support 64/128 bit encryption
WPA-PSK encryption	AES/TKIP
WPA2-PSK encryption	AES/TKIP
WPA encryption	Support
WPA2 encryption	Support
access control	connect limitation based on MAC address
Transmission power	adjustable step by dbm
AP isolation	Support
User access limit	Support wireless client number restriction
Client access restriction	Support wireless client RSSI threshold setting
WMM	Support
VLAN and SSID binding	Support
11a output power	20±1.5dbm

11b output power	23±1.5dbm
11g output power	22±1.5dbm
11n mcs0 output power	21±1.5dbm
11n mcs7 output power	20±1.5dbm
11n mcs9 output power	18±1.5dbm
802.11A Reception sensitivity	-93dbm
802.11B Reception sensitivity	-99dbm
802.11G Reception sensitivity	-77dbm
802.11N (HT20) Reception sensitivity	-74dbm
802.11N (HT40) Reception sensitivity	-73dbm
802.11AC (HT80) Reception sensitivity	-62dbm
Switch LED indicator	Support
network diagnoses	ping
schedule reboot	Support
circularly reboot	Support
device management	WEB management
Log function	System log view
software upgrade	support from web UI or AP controller
reboot device	support from web UI or AP controller
Restore factory settings	support from web UI or AP controller
Backup configuration	Support
restore configuration	Support
centralized management	AC1000/AC2000/AC3000
Working environment	
default login IP	192.168.0.254
default usere name	admin
default password	admin
operating temperature	-10°C-40°C
operating humidity	10%-90%RH(non-condensing)
storage temperature	-30 C -70°C
storage humidity	10%-90%RH(non-condensing)



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