AP120C-AC

802.11ac MU-MIMO Dual-Radios Enterprise AP

AP120C-AC is a 802.11ac WAVE-2 2x2 dual band dual radio indoor ceiling & wall mount enterprise AP with 2 Giga-bit Ethernet ports. AP120C-AC can connect to the backbone network through Gigabit Ethernet interface. Besides, AP120C-AC functions 802.3af PoE PD which is able to be powered by PoE switch remotely. AP120C-AC also supports DC12V power source option for the environment where PoE is not available.

Multi-user Environment Capability

With easy mounting design, PoE power supply, AP120C-AC is capable of delivering satisfaction to those high-density, most demanding wireless access environments, including library, coffee shops, hotels, and transportation stations.

Mall   Hotel   Comany   Campus

Easy T-Rail mounting, Flexible Placement design & PoE support

AP120C-AC's discrete appearance and easy T-Rail mounting make it extremely easy to be integrated into ceiling mount surface as well as wall mounting position. AP120C-AC is easy to blend in with most interior decorations, hotel, library, coffee shop, train stations ...etc. Furthermore, AP120C-AC supports 802.3af Power over Ethernet, this makes wireless planning easy, and flexible machine deployment.

Flexible & Easy Installation

Ceiling T-rail   Ceiling   Wall Mount

AP120C-AC

Hardware Specifications

Network Processor	Qualcomm IPQ4018 ARM Cortex-A7 quad core processor at 700MHz
Flash	NOR Flash: 16MB NAND Flash: 128MB
SDRAM	DDR3 256MB
Wireless Standard	802.11a/b/g/n/ac BT4.0
Frequency	WiFi 2.4GHz/5GHz Simultaneous BT 2.4GHz
Interface	2x 10/100/1000Mbps RJ45 ports 1x Reset Button 1x DC jack
LED	Power / WLAN / LAN(PoE)
Antenna	Integrated High Gain Dual Band Antennas
Power source	802.3af PoE Gigabit 12VDC power jack
Power consumption	9Watt @ full load
Operation Temperature	-35℃ - 65℃
Operation Humidity	5% to 95% (Non-condensing)

RF Performance (per chain)

		TX	RX
2.4GHz	11g	22	-70
	11n HT20 MCS7	22	-69
	11n HT40 MCS7	22	-66
5GHz	11a	22	-67
	11an HT20 MCS7	22	-66
	11an HT40 MCS7	22	-63
	11ac VHT20 MCS8	21	-61
	11ac VHT40 MCS8	19	-58
	11ac VHT80 MCS9	18	-53

Software Specifications

Support Easy Setup Wizard

Mode: AP Router/AP Bridge / WDS Bridge

WAN: DHCP Client, Static IP

LAN: DHCP on/off

Wireless function:
- Multiple SSID (2.4GHz up to 8 SSIDs, 5GHz up to 8 SSIDs)
- Enable/Disable Wireless Radio
- Hide SSID
- Automatic Channel Assignment
- TX power control (Adjust by 1dBm)
- Bandwidth control
- Wireless Isolation Between Clients

Security:
- WEP
- WPA PSK, WPA Enterprise
- WPA2 PSK, WAP2 Enterprise

Management:
- Telnet
- SSH
- SNMP v1, v2
- System log

Internet testing tool:
- Ping
- Traceroute
- nslookup

ALFA
N E T W O R K