

# DH-EAP5212-C

AC12 Ceiling Mount Access Point



- Up to 1.2 Gbps wireless speed.
- Supports dual concurrent wireless networks.
- Offers seamless roaming.
- MU-MIMO technology delivers a fast wireless network that can be accessed by multiple devices at the same time.



## Series Overview

Using MU-MIMO cutting edge technology, EAP Series Wireless Access Point (AP) provides wireless access through dual concurrent wireless networks. It supports concurrent connections, provides access to a large number of users and has a built-in professional high gain antenna, wide signal coverage and fast wireless speed. It meets the IEEE 802.11ac standard and is ideal for indoor scenes that require wireless network coverage.

## Functions

### Seamless Roaming

Seamless roaming enables a network user to remain continuously connected as they cross network boundaries.

### MU-MIMO

This advanced technology allows multiple users to communicate through one single access point, which vastly improves wireless throughput.

### Dual-Band Wi-Fi

Both the 2.4 GHz and 5 GHz network are available for you to flexibly switch between.

## Scene

It is suitable for use indoors in small and medium-sized scenes that require wireless coverage such as hotels, canteens, office buildings, conference rooms and retail shops.



Office



Meeting



Hotel



Shop

## Technical Specification

### Hardware

Function Slots	1 x 10/100/1000 Mbps Base-T RJ-45 1 x 10/100/1000 Mbps Base-T RJ-45(WAN, PoE)
Power Consumption	Full Load: 10 W
Memory	DDR: 128 MB Flash: 8 MB
Indicator Light	SYS WAN/PoE LAN
Wireless Standard	2.4 GHz: IEEE 802.11b/g/n 5 GHz: IEEE 802.11a/n/ac

### Performance

Operating Frequency	2.4 GHz–2.484 GHz 5.150 GHz–5.850GHz
Wireless Transmission Rate	2.4 GHz: 300 Mbps 5 GHz: 867 Mbps
Channel Width	20/40/80 MHz
Max. Output Power	20 dBm
Antenna Gain	2.4 GHz: 4.6 dBi 5 GHz: 4.0 dBi
Antenna Direction Angle	360°
Optimal Transmission Distance	15 m (49.21 ft)

### Function

Operating Mode	FIT AP FAT AP
Encryption Mode	WPA-PSK/WPA2-PSK
Management and Log	NTP; Syslog
Firmware Update	Web update AC remote update
Security Mechanism	SSID hiding MAC authentication IP-MAC binding User isolation Max allowed clients per AP URL filtering IP address filtering MAC address filtering
Network Protocol	HTTP; TCP/IP; IPv4; UDP; NTP; DHCP; DNS; DDNS; Qos; UPnP; ICMP; PPPoE; IP Filter
MU-MIMO	Yes
DFS	Yes
DHCP	Yes
NAT	NAT Port Mapping DMZ
QoS	IP-based speed limit
DDNS	Yes
Equipment Management	Local WEB management

### Software

Independent AP  
Configure VLAN based on SSID  
Auto channel  
Power adjustment  
5G Precedence  
SSID extender  
WiFi Timer  
Pass through on VPN connection  
Configure information restore/back up

### General

Power Supply	12 VDC,1 A PoE (802.3 af)
Operating Temperature	–20 °C to 45 °C (–4 °F to +113 °F)
Storage Temperature	–40°C to 70 °C (–40 °F to +158 °F)
Operating Humidity	5%-95% (RH)
Gross Weight	0.71 kg (1.57 lb)
Net Weight	0.36 kg (0.79 lb)
Packaging Dimensions	243 mm × 235 mm × 76 mm (9.56" × 9.25" × 2.99")(L × W × H)
Product Dimensions	168 mm × 168 mm × 32 mm (6.61" × 6.61" × 1.25")(L × W × H)
Statics Protection	Air discharge: 8 kV Contact discharge: 6 kV
Lighting Protection	Common mode: 2 kV Differential mode: 0.5 kV
Installation	In-ceiling Mount
Certifications	CE FCC

## Dimensions (mm [inch])

