

DH-EAP6218-C

Wireless Access Point



- \cdot Up to 1.775 Gbps wireless speed.
- · Supports dual concurrent wireless networks.
- · Offers seamless roaming.
- \cdot MU-MIMO technology delivers a fast wireless network that can be accessed by multiple devices at the same time.



Series Overview

Using MU-MIMO and OFDMA 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 802.11ax 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

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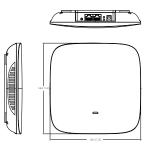
Technical Specification

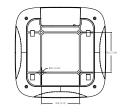
Hardware

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: 15 W	
Memory	DDR: 256 MB Flash: 16 MB	
Indicator Light	SYS WAN/PoE LAN	
Wireless Standard	2.4 GHz: IEEE 802.11b/g/n/ax 5 GHz: IEEE 802.11a/n/ac/ax	
Performance		
Operating Frequency	2.4 GHz–2.484 GHz 5.150 GHz–5.850GHz	
Wireless Transmission Rate	2.4 GHz: 574 Mbps 5 GHz: 1201 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 Number/Angle	2/360°	
Optimal Transmission Distance	15 m (49.21 ft)	
Function		
Operating Mode	FIT AP FAT AP	
Encryption Mode	WPA-PSK/WPA2-PSK WPA3-PSK/WPA-TKIP/WPA2 AES	
Maximum User No.	80	
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	
OFDMA	Yes	
MU-MIMO	Yes	
DHCP	Yes	

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	0.75 kg(1.65 lb)
Net Weight	0.41 kg (0.90 lb)
Packaging Dimensions	243 mm × 235 mm × 76 mm (9.56" × 9.25" × 2.99")(L × W × H)
Product Dimensions	188 mm × 188 mm × 35 mm (7.40" × 7.40" × 1.38")(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])







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NAT

Yes

Port Mapping DMZ

IP-based speed limit

Local WEB management

NAT

QoS

DDNS

Equipment Management