

DH-EAP6218-C

AX18 Ceiling Mount Access Point



Series Overview

Using MU-MIMO and OFDMA cutting edge technology, DH-EAP6 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 suitable for scenes that require wireless transmission and can be used commercially and in hotels, cities and small and medium-sized enterprises.

Functions

Seamless Roaming

Features intelligent optimization of connections and seamlessly switches between nodes on the mesh network to ensure the stability of the network.

Wide Coverage

Wide network coverage that can cover the entire room without any dead angles.

Dual-Band Concurrent

Support by 802.11ac or 802.11ax technology, the concurrent dual band Wi-Fi meets your daily interest needs.

Scene

It is suitable for scenes that require wireless coverage such as public facilities and the education, energy resource, and financial industries.

- \cdot 802.11ax Indoor Wireless Access Point
- \cdot Internal Antennas 4 Streams Dual Radio.
- \cdot Up to 1.775 Gbps access rate.
- \cdot Bulit in high-gain antenna that can reach up to 4.6 dBi.
- \cdot Transmit power can reach up to 20 dBm.
- \cdot PA and LNA ensure the quality of the wireless network connection.
- \cdot MU-MIMO technology: The access point can send data to multiple terminals at the same time.





Home









Dormitory

Meeting Room

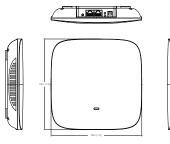
Wireless Access Point | DH-EAP6218-C

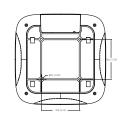
Technical Specification

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: 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	CE EIRP: ≤20 dBm@2400-2483.5 MHz; ≤23 dBm@5150-5250 MHz; ≤23 dBm@5250-5350 MHz; ≤27 dBm@5470-5725 MHz; ≤14 dBm@5725-5850 MHz FCC output power: ≤27 dBm@2400-2483.5 MHz; ≤24 dBm@5150-5250 MHz; ≤24 dBm@5250-5350 MHz; ≤24 dBm@5725-5850 MHz; ≤30 dBm@5725-5850 MHz
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 WPA3-PSK None
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

NAT Port Mapping DMZ	
IP-based speed limit	
Yes	
Local/remote WEB management	
Independent AP Configure VLAN based on SSID Auto channel Power adjustment SG Precedence SSID extender WiFi Timer Pass through on VPN connection Configure information restore/back up	
General	
12 VDC,1 A PoE (802.3 af)	
–20 °C to 45 °C (–4 °F to +113 °F)	
-40 °C to +70 °C (-40 °F to +158 °F)	
5%-95% (RH)	
0.75 kg(1.65 lb)	
0.41 kg (0.90 lb)	
243 mm × 235 mm × 76 mm (9.56" × 9.25" × 2.99")(L × W × H)	
188 mm × 188 mm × 35 mm (7.40" × 7.40" × 1.38")(L × W × H)	
Air discharge: 8 kV Contact discharge: 6 kV	
Common mode: 2 kV Differential mode: 0.5 kV	
In-ceiling mount	
CE FCC	

Dimensions (mm [inch])





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Yes

Yes

Yes

OFDMA

DHCP

MU-MIMO