

# DH-EAP5212-C

## Wireless Access Point



- 802.11ac indoor ceiling wireless access point.
- Up to 1.2 Gbps.
- Dual band concurrent.
- Seamless roaming.
- MU-MIMO technology delivers fast wireless network for multiple devices at the same time.
- Devices can quickly access the DoLink Care platform and be remotely managed on it.



### 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.

#### Wide Coverage

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

#### Dual-Band Wi-Fi

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

#### One Network

Integrated CCTV and IT network.

#### Quick Deployment

Easy and quick network setup.

#### Efficient Maintenance

Maintenance through topology, with abundant functions for hassle-free device services.

#### Security Guarantee

24/7 network security for fully linked devices, data and networks.

### 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.

Technical Specification	
Basic	
Device Type	AP
Hardware	
WAN Port	1 × 10/100/1000 Mbps Base-T (PoE In)
LAN Port	1 × 10/100/1000 Mbps Base-T
Power Supply	12V DC,1.5A; 802.3 af PoE; 802.3 at PoE;
Antenna Type	Omnidirectional
Built-in Antenna	2.4 GHz: 2 × 4.6 dBi; 5 GHz: 2 × 4.0 dBi
Memory	DDR: 128 MB
Indicator Light	SYS; WAN/PoE; LAN
Performance	
Wireless Standard	2.4 GHz: IEEE 802.11b/g/n; 5 GHz: IEEE 802.11a/n/ac
Wireless Transmission Rate	2.4 GHz: 300 Mbps; 5 GHz: 867 Mbps
Operating Frequency	2.4 GHz: 2.400 GHz–2.484 GHz; 5 GHz: 5.150 GHz–5.850GHz
Channel Width	2.4 GHz: 20/40 MHz; 5 GHz: 20/40/80 MHz
2.4 GHz Antenna Gain	4.6 dBi
5 GHz Antenna Gain	4.0 dBi
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@5470-5725 MHz; ≤30 dBm@5725-5850 MHz
2.4 GHz Max Power Output	20 dBm
5 GHz Max Power Output	22 dBm
Receiver Sensitivity	2.4 GHz : 802.11b 11M: -85 dBm; 802.11b 1M: -94 dBm; 802.11g 54M: -72 dBm; 802.11g 6M: -90 dBm; 802.11n 20MHz MCS0: -88 dBm; 802.11n 20MHz MCS7: -70 dBm; 802.11n 40MHz MCS0: -86 dBm; 802.11n 40MHz MCS7: -68 dBm; 5 GHz : 802.11a 54M: -72 dBm; 802.11a 6M: -90 dBm; 802.11n 20MHz MCS0: -88 dBm; 802.11n 20MHz MCS7: -70 dBm; 802.11n 40MHz MCS0: -86 dBm; 802.11n 40MHz MCS7: -68 dBm; 802.11ac 80MHz MCS0: -85 dBm;

	802.11ac 80MHz MCS9: -58 dBm
Max. Transmission Distance	20 m (65.62 ft)
Optimal Transmission Distance	15 m (49.21 ft)
SSID Number	2.4 GHz: 4; 5 GHz: 4
Connected Wireless Terminals	2.4 GHz: 50; 5 GHz: 50
PoE	PoE In: 802.3af (15 W/30 W)
Function	
Equipment Management	Web; platform; app
Network Protocol	TCP/IP;IPv4;UDP;NTP;DHCP;DNS;QoS;ICMP;ARP;IP Filter;TCP;SMB;NFS;MQTT;802.11k;802.11v;802.11e;WMM;IGMP V3
Operating Mode	FIT AP FAT AP Gateway mode
Encryption Mode	No Encryption WPA/WPA2PSK; WPA2/WPA3PSK
Firmware Update	Web update;AC remote update
Security Mechanism	IP address filtering; MAC address filtering
MU-MIMO	Yes
Beamforming	Yes
DHCP	Gateway way mode support
NAT	Gateway way mode support
QoS	Yes
Software	Device Management: setup wizard; network connection method; back up/restore configuration; restore factory defaults; schedule restart; system logs; change password; firmware upgrade; system time; fat/fit mode; cloud platform configuration AP Management: Wi-Fi settings; VLAN ID configuration; frequency configuration; country/region configuration; 5G-Prior access configuration; scheduled Wi-Fi shutdown Client Management: MAC ACL; user isolation; limit users that can access
General	
Power Consumption	Full load: 10 W; Idling: 4 W
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), non-condensing
Net Weight	0.36 kg (0.79 lb)
Gross Weight	0.71 kg (1.56 lb)
Product Dimensions	168 mm × 168 mm × 32 mm (6.61" × 6.61" × 1.26") (L × W × H)
Packaging Dimensions	243 mm × 253 mm × 76 mm (9.57" × 9.96" × 2.99") (L × W × H)
Statics Protection	Air discharge: 8 kV; Contact discharge: 6 kV

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Lightning Protection	Common mode: 2 kV; Differential mode: 1 kV
Installation	In-ceiling mount; wall mount
Certifications	CE
Packing List	1 × Device; 4 × Screw; 1 × User Manual; 1 × Network Cable; 1 × Bracket

Ordering Information

Type	Model	Description
Wireless Access Point	DH-EAP5212-C	Wireless Access Point

Dimensions (mm[inch])

