DH-EAP5212-C

802.11ac Indoor Wireless Access Point

- 802.11ac Indoor Wireless Access Point.
- Internal Antennas 4 Streams Dual Radio.
- Up to 1.167 Gbps access rate.
- Maximum transmit power up to 20 dBm.
- Antenna gain up to 4.6 dBi.

System Overview

DH-EAP5212-C is a high-performance ,high-speed ,indoor-operating AP which support the 2 4GHz and 5.8Ghz double-frequency wireless correspondence providing a cleaning corresponding environment and stable connect. This makes the series suitable for high-density access scenarios, such as hotel, retail stores and smart enterprise campus. It is compact in appearance and supports ceiling mounting.

Features

- With better quality of transmission and high speed of transmission , the concurrent rate of the whole machine can reach to 1167Mbps.
- Elegant design, port concealed housing, beautiful wiring.
- Support two power strategy： 48 V POE and DC 12 V

Scene

It suitable for high-density access scenarios, such as hotel, retail stores and smart enterprise campus.

Technical Specification

Hardware

Weight	0.4 kg (0.88 lb)
Dimensions	168 mm × 168 mm × 32 mm (6.61" × 6.61" × 1.26") (L × W × H)
WAN port	1× 10/100/1000M Base-T RJ-45 (WAN, PoE)
LAN port	1× 10/100/1000M Base-T RJ-45
Power Supply	802.3af PoE 12 VDC, 1 A
Antenna	Built-in antenna 4.6 dBi antenna gain @2.4 GHz 4.0 dBi antenna gain @5.8 GHz
Working Frequencies	802.11ac/n/a: 5.150 GHz–5.850 GHz 802.11n/g/b: 2.4 GHz–2.484 GHz
Modulation Mode	11b: DSS: CCK@5.5/11 Mbps, DQPSK@2 Mbps, DBPSK@1 Mbps 11a/g: OFDM: 64QAM@48/54 Mbps, 16QAM@24 Mbps, QPSK@12/18 Mbps, BPSK@6/9 Mbps 11n: MIMO-OFDM: BPSK, QPSK, 16QAM, 64QAM 11ac: MIMO-OFDM: BPSK, QPSK, 16QAM, 64QAM, 256QAM
Maximum Transmit Power	20 dBm
Reset/Restoration To Factory Default	Yes
State LED	WAN LAN 3 Color LED (System: red, 2.4GHz: green, 5.8GHz: blue)
Enviorment	Indoor
Working Temperature	–20 °C to 45 °C (-4 °F to 113 °F)
Storage Temperature	–40 °C to 70 °C(–40 °F to +158 °F)
Working Humidity	10%–95% (non-condensing)

Storage Humidity	5%–95% (non-condensing)
Protection	Air discharge: 8 kV; Contact discharge: 6 kV Common mode: 2 kV; Differential mode: 0.5 kV
EMC	CE EMC, CE RED

Software specifications

Compliance	Compliant with 802.11a/b/g/n/ac
Working Frequencies And MIMO	2.4G 2*2 MIMO 0.3 Gbps 5G 2*2 MIMO 0.867 Gbps
Bandwidth	20 MHz/40 MHz/80 MHz
Working Modes	FAT AP Mode FIT AP Mode
AC Protocol (FIT)	DHCP
Forwarding modes (FIT)	Local forwarding Centralized forwarding Local forwarding and centralized authentication
WLAN Functions (FAT)	Automatic channel Automatic RF power 5G Prior for a faster Ethernet
Network Functions (FAT)	802.1Q VLAN SID-based VLAN assignment Dynamic IP Static IP PPPoE DHCP Server NAT
Security Policy (FAT)	WPA/WPA2-PSK WPA3 Hide SSID MAC IP-MAC binding User isolation User quantity limited URL filtering IP-MAC address filtering Port mapping DMZ Backup configuration
Management and Maintenance	Web management NTP time-synchronization Wi-Fi time on/off DDNS
QoS	Speed limit based on IP

Dimensions (mm[inch])