

CAP-DF51

802.11ac Indoor Dual Band Cloud AP

Product Overview

ImCloud CAP series access points adopt MIMO, beamforming, frequency band equalization and channel bonding technologies in complex enterprise environments to provide Wi-Fi coverage with high throughput and high reliability, meeting the requirements of enterprise-level business applications.



802.11a/b/g/n/ac



1167Mbps, 2*2 MIMO



concurrent user 127



Small office



Standard PoE Input



cloud management

Key Features and Highlights

- High throughput (Max 1.167Gb/s data rate)
- Integrated wireless security, guest access
- User authentication
- Management without hardware controller
- Suitable for SMB and chain enterprise
- Exquisite industrial design, 3cm thinnest part

Product Specifications

Item	CAP-DF51
Dimensions (L*W*D) (mm)	160 x 160 x 30
Weight	390g
10/100/1000Base-T port	1
Console port (RJ-45)	N/A
Power supply	802.3af or External power adapter (Input: 100 ~ 240V AC , Output: 48 V DC)
Maximum power consumption	<15W
RF port	Built-in 2.4 GHz 2 dBi antenna and 5 GHz 2 dBi antenna
Working frequency band	802.11a/n: 5.150 GHz to 5.850 GHz 802.11b/g/n: 2.4 GHz to 2.483 GHz 802.11ac: 5.150GHz to 5.250GHz 5.250GHz to 5.350GHz 5.725GHz to 5.850GHz
Modulation technology	802.11b: BPSK, QPSK, CCK 802.11a/g/n: BPSK, QPSK, 16-QAM, 64-QAM 802.11ac: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM
Transmit power	2.4G: 20dBm (Per Chain) 5G: 20dBm (Per Chain) <i>(Note : final output power comply with deployment regulation might be different)</i>
Power adjustment granularity	1 dBm
Working/Storage temperature	-0°C to +50°C -40°C to +70°C
Working/Storage RH	5% to 95% (non-condensing)
Protection level	IP41
Installation environment	Indoor
Wi-Fi standard	802.11 a/b/g/n/ac
BSSID	8 BSSID per radio

Typical Application

DCN cloud-based new generation AP, designed for hotel, meeting room, restaurant and office application



Hotel



Meeting Room



Office



Restaurant

Order Information

Product	Description
CAP-DF51	DCN cloud-based indoor AP, 802.11a/b/g/n+ 802.11ac (2.4GHz & 5GHz dual mode, 2*2, fat & fit, 802.3 af, managed by DCN cloud platform