

VigorAP 912C

11ac Dual-Band Ceiling-Mount Wireless AP



VigorAP 912C is a ceiling-mount Wi-Fi for business networks. It has a capacity of up to 256 concurrent active users, ideal for a high-density environment such as a BYOD workplace. The low-profile appearance and PoE power supply provide the flexibility in deployment.

Key Features



PoE Power Supply

Simplify the infrastructure by getting data and power through a single cable.



Assisted Wi-Fi Roaming

Solve the sticky client problem and improve Wi-Fi roaming experience.



Airtime Fairness

Equalize the transmission time of each client so the legacy devices won't slow everyone down.



Wi-Fi Scheduling

Schedule Wi-Fi On and Off to control wireless access and save energy.



Multiple SSID

Mapping Wi-Fi clients to different VLANs and have a different set of security standards.



Local RADIUS Server

User profile database for local and external 802.1x authentication.



Band Steering

Redirect 5GHz-capable devices to the 5GHz radio to get a faster speed.



Central AP Management

Manage, maintain, and monitor VigorAP 912C from the DrayTek routers.

AC1200

Delivers 867 Mbps at 5GHz,
300 Mbps at 2.4GHz

256 Active Users

At Maximum,
128 Per Radio

1 PoE LAN Port

10/100/1000M Base-T,
RJ-45

8 SSIDs

4 Per Radio,
support 802.1q VLAN

Specification

Interface

LAN Port	1 x PoE Gigabit Ethernet
Antenna	2 x Internal Dual-Band PiFA Antenna Gain: 5 dBi for 5GHz, 3 dBi for 2.4GHz
Button	1 x Factory Reset Button
Security Lock	•

Capacity

2.4GHz Peak Speed	300 Mbps
5GHz Peak Speed	867 Mbps
Max. Number of Concurrent Active Clients	256 (128 per radio band)

WLAN

2.4GHz Standard	IEEE 802.11b/g/n 2x2 MIMO
5GHz Standard	IEEE 802.11a/n/ac 2x2 MIMO
Operating Mode	AP, Mesh, Range Extender
Fast Roaming (WPA2/802.1X)	•
AP-Assisted Roaming	•
Airtime Fairness	•
Band Steering	•
Auto Channel Selection	•
Max. Number of SSID	8 (4 per radio band)
Authentication	Pre-Shared Key, 802.1X
WPS	•
WDS	•
Client Isolation	•
Access Control List	•
Bandwidth Limit per Client	•
Client Numer Limit	Per radio, Per SSID
Connection Time Control	•
Mobile Device Management	•
WMM	•

Application

Built-in RADIUS Server	•
RADIUS Proxy	PEAP, EAP-TLS
DHCP	DHCP Server, DHCP, Client, DHCP Relay Agent
Static IP	•
MAC Clone	•
802.1q VLAN	•
Schedule	Auto-Reboot, Wi-Fi Up/Down, LED On/Off

Management

Local Service Configuration	HTTP, HTTPS, Telnet
Firmware Upgrade	Stand Alone, TR-069 (VigorACS), Vigor Router APM, VigorAP Mesh Root
Tools	HTTP, TFTP, TR-069
Configuration Backup and Restore	Speed Test, AP Discovery, Statistics , DHCP Table, Interference Monitor
Notification Alert	•
SNMP	E-mail
Syslog	v2, v2c, v3
Managed by VigorConnect	•
Managed by VigorACS	• (future support) • (future support)

