DrayTek

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.

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 wave 2 2x2 MU-MIMO
Operating Mode	AP, Mesh Root, Mesh Node, Range Extender
Roaming	AP-Assisted Roaming, PMK-Caching, Pre-Authentication
AirTime Fairness	●
Band Steering	●
Auto Channel Selection	●
Max. Number of SSID	8 (4 per radio band)
WDS	●
Bandwidth Limit per Client	●
Client Number Limit	Per radio, Per SSID
Connection Time Control	●
WMM	●

Security

Security Mode	WEP, WPA, WPA2, WPA3-Personal, Mixed(WPA+WPA2)
Authentication	Pre-Shared Key, 802.1X
WPS	PIN, PBC
Hidden SSIDs	●
MAC Address Filter	Up to 256 entries
Wireless Client Isolation	●
Mobile Device Management	●

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