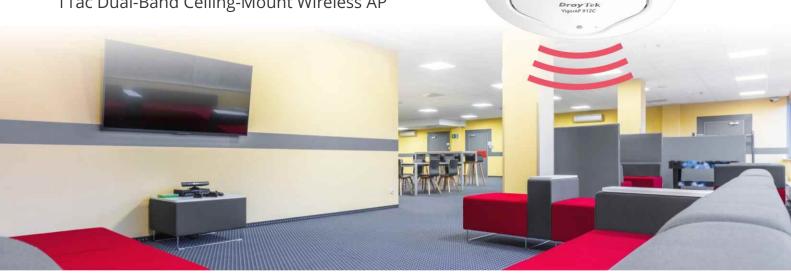# VigorAP 912C

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.

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 link rate
up to 1.2 Gbps

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

Interface

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

WLAN

2.4GHz Standard	IEEE 802.11b/g/n 2x2 MIMO
5GHz Standard	IEEE 802.11a/n/ac wave 2 2x2 MU-MIMO
2.4GHz Link Rate	Up to 300 Mbps
5GHz Link Rate	Up to 867 Mbps
Max. Number of Concurrent Active Clients	256 (128 per radio band)
Operating Mode	AP, Mesh Root, Mesh Node, Range Extender
Roaming	AP-Assisted Roaming, PMK-Caching, Pre-Authentication, 802.11r
AirTime Fairness	●
Band Steering	●
Auto Channel Selection	●
Max. Number of SSID	8 (4 per radio band)
WDS	●
Bandwidth Limit per Station	●
Client Number Limit	Per radio, Per SSID
Connection Time Control	●
WMM	●
IGMP Snooping	●

Security

Security Mode	WPA3, WPA3/WPA2, WPA2, WPA2/WPA, OWE, WPA, WEP, None
Authentication	Personal, Enterprise
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
Hotspot Web Portal	●
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	●
Managed by VigorACS	●
Central AP Management	20 VigorAP