

DrayTek

VigorAP 960C

802.11ax Ceiling-mount AP



VigorAP 960C is an 11ax ceiling-mount wireless access point. With wire-like speed up to 1.2 Gbps in 5GHz band and 600Mbps in 2.4GHz, it's suitable for high density environments. It can be cloud-managed by VigorACS, and also act as the mesh Root AP to manage up to 7 mesh node APs in LAN.



Mesh

Easily link to other VigorAP to expand the wireless network.



Assisted Wi-Fi Roaming

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



PoE Power Supply

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



Wi-Fi Scheduling

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



Airtime Fairness

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



Band Steering

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



Multiple SSID

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



Central AP Management

Manage, maintain, and monitor VigorAP 960C from the DrayTek routers.

Dual-Band

Concurrent 5GHz
and 2.4GHz

AX1800

Delivers speed up to
1.8 Gbps

256 Users

Active at maximum,
128 per radio

1 x LAN Port

1x 10/100/1000M
Base-T RJ-45

Interface

LAN Port	1 x 10/100/1000M Base-T, RJ-45 (PoE-PD Support)
Antenna	2 x Internal PIFA Dual-Band Gain: 3 dBi for 5GHz, 1.3 dBi for 2.4GHz
Button	1 x Factory Reset Button
Security Lock	•

Capacity

2.4GHz Peak Speed	600 Mbps
5GHz Peak Speed	1200 Mbps
Max. Number of Concurrent Active Clients	256 (128 per radio band)

Note:

The throughput figures are maximum, based on DrayTek internal testing with optimal conditions. The actual performance may vary depending on the different network conditions and applications activated.

WLAN

2.4GHz Standard	IEEE 802.11b/g/n/ax 2x2 MIMO
5GHz Standard	IEEE 802.11a/n/ac wave 2/ax 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	•

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 , Interference Monitor
Configuration Backup and Restore	•
Syslog	•
Mail Alert	•
SNMP	v1, v2c, v3
Managed by VigorConnect	•
Managed by VigorACS	•

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	•