

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

WiFi 6	•
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, 802.11r
AirTime Fairness	•
Band Steering	•
Auto Channel Selection	•
OFDMA	•
Max. Number of SSID	8 (4 per radio band)
WDS	•
Client Number Limit	Per radio, Per SSID
Connection Time Control	•
WMM	•
IGMP Snooping	•

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	•
Central AP Management	30 VigorAP

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	•