

# 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<br>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<br>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,<br>Range Extender                      |
| Roaming                 | AP-Assisted Roaming, PMK-Caching,<br>Pre-Authentication, 802.11r |
| AirTime Fairness        | •  |
| Band Steering           | •  |
| Auto Channel Selection  | •  |
| 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,<br>DHCP Relay Agent |
| Static IP              | •  |
| MAC Clone              | •  |
| 802.1q VLAN            | •  |
| Schedule               | Auto-Reboot, Wi-Fi Up/Down,<br>LED On/Off      |

## Management

|                                     |  |
|-------------------------------------|--|
| Local Service                       | HTTP, HTTPS, Telnet  |
| Configuration                       | Stand Alone, TR-069 (VigorACS),<br>Vigor Router APM, VigorAP Mesh Root |
| Firmware Upgrade                    | HTTP, TFTP, TR-069   |
| Tools                               | Speed Test, AP Discovery, Statistics<br>, Interference Monitor         |
| Configuration Backup<br>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,<br>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  | •   |