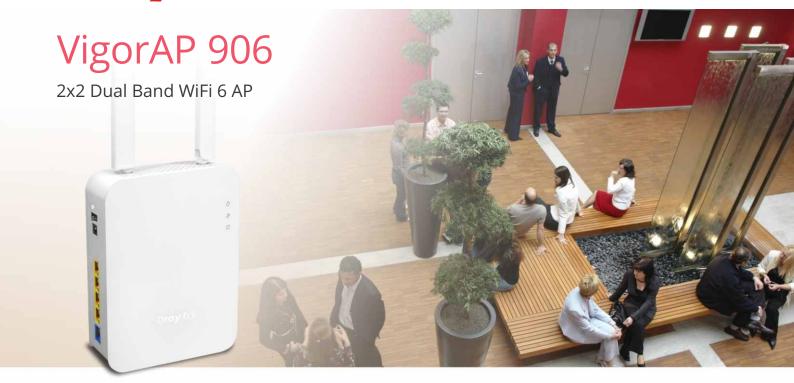# DrayTek

VigorAP 906

2x2 Dual Band WiFi 6 AP

VigorAP 906 is 11ax wall-mount/desktop wireless access point with a 5-port LAN switch. With wire-liked link rate up to 2402* Mbps in 5GHz band and up to 574 Mbps in 2.4GHz band, 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.

*5G maximum wireless speeds may vary depending on regional limitations.

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.

AX3000
Delivers link rate
up to 3 Gbps

254 Users
Acitve at maximum,
127 per radio

5 LAN Port
5x 10/100/1000M
Base-T RJ-45

1 PoE
802.3at compliant

Interface

LAN Port	5x 10/100/1000M Base-T, RJ-45 (1x PoE)
PoE	802.3at (in)
Antenna	2x External Dipole Dual-Band Gain: 2.5 dBi for 5GHz, 2.7 dBi for 2.4GHz
Button	1x Factory Reset 1x Wireless On/Off/WPS 1x Power On/Off

WLAN

WiFi 6	●
2.4GHz Standard	IEEE 802.11b/g/n/ax 2x2 MIMO, up to 1024-QAM
5GHz Standard	IEEE 802.11a/n/ac wave 2/ax 2x2 MU-MIMO, up to 1024-QAM
2.4GHz Link Rate	Up to 574 Mbps
5GHz Link Rate	Up to 2402 Mbps
Max. Number of Concurrent Active Clients	254 (127 per radio band)
Operating Mode	AP, Mesh Root, Mesh Node
Roaming	AP-Assisted Roaming, PMK-Caching, Pre-Authentication
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	●

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
Firmware Upgrade	HTTP, TFTP, TR-069
Config Backup/Restore	●
Syslog	●
Notification Alert	E-mail
SNMP	v1, v2c, v3
Stand-Alone Operation	●
Mobile Device Management	●
Mesh	Node, Root
Central AP Management (Number of manageable APs)	30
VigorRouter Management (APM)	●
VigorConnect Management	●
VigorACS Management	●