



- Concurrent dual band
- Support 2x2 11ac WAVE2
- Data rate up to 867Mbps in 5GHz and up to 300Mbps in 2.4GHz
- 5 GbE port (including 1 PoE) + 1 USB Port
- Plug-n-Play Meshing
- Airtime Fairness
- Band Steering
- AP-Assisted Roaming
- Built-in RADIUS server for 802.1x authentication
- Compliant with Central AP Management of Vigor Router and VigorACS

DrayTek VigorAP 903 is a wireless access point with a 5-port switch for expanding the network wirelessly. LAN clients can join the network from one of the 5 Gigabit ports or the wireless connection. It is designed to provide a smooth wireless connection by supporting 802.11ac wave2 standard and providing advanced features, such as AirTime Fairness, Band Steering, and AP-Assisted Roaming.

EXPAND THE NETWORK WIRELESSLY

VigorAP 903 helps you to deliver connectivity to every corner of the building without wires. By a few clicks on the App, they can automatically connect to each other to build a mesh topology, and clients can access the network via any of the VigorAP 903. The meshing technology adds redundancy and reliability to your network. In the event of connection failure, VigorAP 903 will dynamically route the traffic to an alternative path.

CONCURRENT DUAL-BAND & BAND STEERING

VigorAP903 runs on 5 GHz and 2.4 GHz frequency band simultaneously, allows more concurrent Wi-Fi clients, and benefits from the fast speed of 5GHz and the long-range signal of 2.4GHz at the same time to meet the needs of various network applications. The support of Band Steering feature helps you to direct the 5G-compatible stations to the less-interference 5GHz WLAN, so that they can enjoy the faster Wi-Fi speed, and leave the 2.4GHZ WLAN less-crowded, which will results in better Wi-Fi experience for all the clients.

SECURE YOUR BUSINESS NETWORK

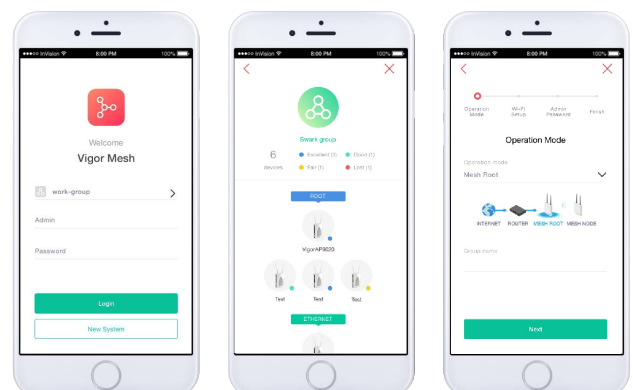
With VigorAP 903, you may have up to 8 SSIDs mapping to different (virtual) local networks and have different security settings. You may want an SSID for the visitors with only the Internet access and just secured by a Pre-Shared Key, at the same time, have another SSID for the staff to access internal resources, and requires client authentication by username and password. The built-in RADIUS server feature allows VigorAP 903 to do 802.1x authentication based on the local user database, which can also be used by other devices on the network, e.g., a router.

IMPROVING ROAMING BETWEEN APS

VigorAP 903 provides "AP-Assisted Roaming" to make sure the clients are connecting to the best AP on the WLAN. VigorAP 903 continuously monitors the data rate and receiving signal strength of its clients to check if they are still in the effective transmitting range and would automatically disassociate those who are out of the range. The VigorAP will exchange such information with the other VigorAPs of the same WLAN, and we can set conditions such as not disassociating a client unless we know it is in the coverage of another VigorAP.

EASY SETUP & MONITORING

DrayTek has developed an App for setting up the mesh network with VigorAP 903, the user-friendly interface allows a quick setup even for non-tech savvy. Except for the App, Vigor AP 903 supports both stand-alone setup and controller-based setup. For deploying just up a few access points only, the configuration can be done directly on the AP's web user interface. VigorAP903 is also compliant with DrayTek's centralized management too, the VigorACS, and the central AP management features of selected Vigor Router.



Wireless AP

- IEEE802.11a/b/g/n/ac Wave 2 Compliant
- Mode
 - 802.11b/g/n, 2.4G Band:
 - AP Mode
 - Universal Repeater
 - 802.11a/n/ac Wave 2, 5G Band:
 - AP Mode
 - Universal Repeater
- Limited Wireless Clients (Up to 64 Clients)
- Multiple SSIDs (4 SSIDs per radio)
- Hidden SSID
- Wireless Isolation
- MAC Clone
- Security Mode:
 - WEP, WEP/802.1x, WPA/PSK, WPA/802.1x, WPA2/PSK, WPA2/802.1x
- 802.1x Authentication
 - Internal RADIUS Server Support PEAP
 - RADIUS Proxy Support TLS & PEAP
- MAC Address Control
- WPS
- AP Discovery
- WMM
- Bandwidth Management
- Airtime Fairness
- Station Control
- Roaming
 - AP-assisted client roaming
 - PMK-Caching
 - Pre-Authentication
- Band Steering
- Station List

LAN

- DHCP Client
- DHCP Server
- Management VLAN
- Port Control

Central AP Management

- Compliant with Vigor series routers, VigorAPM and ACS 2.0
- Support Auto Provision
- Register including DHCP client and static IP
- WLAN Profile
 - Device Settings
 - SSID Settings including Security, Access Control, and Bandwidth Limit
- Station List
- AP Load Balance (Load Sharing)
- Traffic Graph
- Rogue AP Detection
- AP Maintenance
 - Configuration backup/restore
 - Firmware Upgrade
 - Remote Reboot
 - Factory Reset
- Dashboard

Radius Server

- Support up to 96 users
- Support PEAP and EAP-TLS
- Certificate Management

Applications

- Schedule for Auto Reboot, WiFi up/down, and LED On/Off
- Support Apple iOS Keep Alive
- Temperature Sensor Graph

Network Management

- Web-based User Interface (HTTP/HTTPS)
- CLI (Command Line Interface, Telnet)
- TR-069 (Compliant with VigorACS 2)
- Configuration Backup/Restore
- Firmware Upgrade via WUI
- Syslog/Mail Alert
- SNMP V2/V2c/V3

Diagnostics

- System Log
- Speed Test
- Traffic Graph
- Data Flow Monitor
- WLAN Statistics
- Station Statistics
- Interference Monitor
- Station Airtime
- Station Traffic Graph
- Station Link Speed

Hardware Interface

- 5 x 10/100/1000M Base-T LAN Switch, RJ-45 (LAN A1 for PoE Indoor Use)
- 1 x USB 2.0 Host
- 2 x Detached Antennas
- 1 x Factory Reset Button
- 1 x Wireless ON / OFF / WPS Button
- 1 x Power ON / OFF Button

Mobile Device Management

- Mobile Device Detect
- Block Policy
- Device OS and Block Policy Statistics

Mesh WiFi

