Dray Tek

VigorAP 918R Series

802.11ac Dual-Band PoE Outdoor Access Point

DrayTek VigorAP918R Series is a compact outdoor wireless access point. It provides combined speeds of up to 1.3 Gbps and a capacity of 200+ active users. The series includes an RPD model, which is equipped with a PoE-Out port to deliver connectivity and power to another network device, such as an IP camera, and the internal 5GHz directional patch antenna can enhance the wireless performance for long-range point-to-point connection.

Key Features



Mesh

Easily link to other VigorAP to expand the wireless network.



Weather Resistant

VigorAP 918R Series can withstand rain, heat, and cold to deliver internet connectivity to the outdoor environments.



Multiple SSID

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



Airtime Fairness

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



Assisted Wi-Fi Roaming

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

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Local RADIUS Server

User profile database for local and external 802.1x authentication.



Central AP Management

Manage, maintain, and monitor VigorAP 912C from the DrayTek routers.



PoE Power Supply

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

Ac1300

Delivers 867 Mbps at 5GHz, 400 Mbps at 2.4GHz

256 Active Users

At Maximum, 128 Per Radio

IP-67

Rated Water and Dust Resistant

-40 to 70°C

Wide Operating Temperature Range

Specification

Interface

| LAN Port | 1x 10/100/1000Base-T Ethernet, RJ-45, PoE-In 1x 10/100/1000Base-T Ethernet, RJ-45, PoE-Out (918RPD) |
|-----------------|--|
| Antenna | 2x Dual-Band di-pole External (Gain: 5 dBi for 5GHz, 3.5 dBi for 2.4GHz) 1x internal 11 dBi 5GHz Directional Patched (918RPD) |
| Built-In Sensor | Temperature & Humidity |
| Button | 1 x Factory Reset button |

Capacity

| 2.4GHz Peak Speed | 400 Mbps |
|---------------------------|--------------------------|
| 5GHz Peak Speed | 867 Mbps |
| Max. Number of | 256 (128 per radio band) |
| Concurrent Active Clients | |

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.

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, |
| | DHCP Table, Interference Monitor |
| Notification Alert | E-mail |
| SNMP | v2, v2c, v3 |
| Syslog | • |
| Managed by VigorConnect | • (future support) |
| Managed by VigorACS | • (future support) |

Security

| Security Mode | WEP, WPA, WPA2, WPA3-Personal, | |
|---------------------------|--------------------------------|--|
| | Mixed(WPA+WPA2) | |
| Authentication | Pre-Shared Key, 802.1X | |
| WPS | PIN, PBC | |
| Hidden SSIDs | • | |
| MAC Address Filter | Up to 256 entries | |
| Wireless Client Isolation | • | |
| Mobile Device Management | • | |

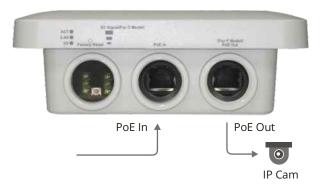
Application

| Built-in RADIUS Server | • | |
|------------------------|-----------------------------|--|
| RADIUS Proxy | PEAP, EAP-TLS | |
| 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 | |
| | | |

WLAN

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

| | PoE Out | Directional Antenna | |
|----------------|---------|------------------------|--|
| VigorAP 918RPD | • | ٠ | |
| VigorAP 918R | | | |





E-mail: info@draytek.com Tel: +886 3 5972727 Fax: +886 3 598 2121 Trademarks and brand names are the properties of their respective owners. Specifications subject to change at any time without notice, for more information please visit www.draytek.com or contact your local representative.