

## 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.



### Assisted Wi-Fi Roaming

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



### Weather Resistant

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



### Local RADIUS Server

User profile database for local and external 802.1x authentication.



### 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 912C from the DrayTek routers.



### Airtime Fairness

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



### 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 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.

## 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	•	•
VigorAP 918R		

