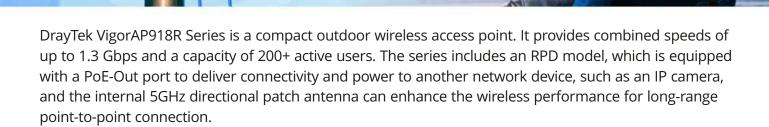
Dray Tek

VigorAP 918R Series

802.11ac Dual-Band PoE Outdoor Access Point





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.



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 link rate up to 1.3 Gbps

256 Active Users

At Maximum, 128 Per Radio



Rated Water and Dust Resistant

-40 to 70°C

Wide Operating Temperature Range

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 dipole 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

WLAN

2.4GHz Standard	IEEE 802.11b/g/n 2x2 MIMO	
5GHz Standard	IEEE 802.11a/n/ac wave 2 2x2	
	MU-MIMO	
2.4GHz Link Rate	Up to 400 Mbps	
5GHz Link Rate	Up to 867 Mbps	
Max. Number of Concurrent	256 (128 per radio band)	
Active Clients		
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	•	
IGMP Snooping	•	

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
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	•
Managed by VigorACS	•
Central AP Management	30 VigorAP

	PoE Out	Directional Antenna	
VigorAP 918RPD	•	•	_
VigorAP 918R			_

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	•

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.

