DrayTek



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.

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 link rate up to 1.3 Gbps

256 Active Users
At Maximum, 128 Per Radio

IP-67
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 Active Clients	256 (128 per radio band)
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	•

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
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 918R PD	●	●
VigorAP 918R		

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.

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