

DrayTek VigorAP 920R 11ac Wave 2 Dual-Band PoE Outdoor Access Point



Product Name: DrayTek VigorAP 920R 11ac Wave 2 Dual-Band PoE Outdoor Access Point

Manufacturer: -

Model Number: VAP920RPD-K

Please Note: This product has been discontinued. Please see the Draytek Access Points range for an alternative.

DrayTek VigorAP 920R 11ac Wave 2 Dual-Band PoE Outdoor Access Point

The DrayTek VigorAP 920R outdoor access point is designed to meet the requirement of wireless network connection in rugged and hazardous locations. VigorAP 920R is provided with waterproof feature and is made from industrial-grade components. With the durable and weatherproof case, it is suitable for harsh physical environments including wind, rain and snow; and simultaneously it offers various functions to establish seamless, reliable, secure Wi-Fi network with high performance.

DrayTek VigorAP 920R Key Features

- Adopt robust case with Waterproof IP67 rating

- Accommodate to various outdoor weather

- Gigabit Ethernet with 802.3az support

- IEEE802.11ac compliant

- Support up to 128 wireless clients per radio

- High TX power up to 25dBm (The value varies according to national regulations)

- Compliance with ACS 2 & APM

Gigabit Ethernet & PoE

VigorAP 920R is capable of detecting the transmission rate of 10/100/1000 Mbps automatically, and distribute different bandwidths to different clients and make all of the wireless clients can have good network connection basis. Moreover, VigorAP 920R can be powered by a PoE to power up an additional device such as an IP camera or access point.

Accommodate to Various Circumstances

VigorAP 920R is highly resistant to temperature and weather conditions. It can be operated well between -40°C and 70°C even in rainy day with high humidity.

IP67 Dust & Water Resistant

VigorAP 920R is water certified with an IP67 rating, which means it is fully protected against entry of dust, so it can operate well even in the extreme weather conditions.

Energy Efficient

In response to the needs of energy saving, VigorAP 920R outdoor access point is IEEE802.3az compliant which is able to reduce the energy consumption for both ends of the network connection.

Support High Volume of Wireless Clients

Up to 128 wireless clients per band are allowed to connect to VigorAP 920R at the same time.

High Transmission Power and Large Bandwidth

VigorAP 920R provides the transmission power, it is compliant with IEEE 802.11ac and provides data rate up to 867Mbps with 2x2 MIMO.

Compliance with VigorACS 2 Central Management System and AP Management

VigorAP 920R supports CWMP protocol (TR-069) so it can be managed by VigorACS 2 and some Vigor router supporting AP management. Through the platform of VigorACS 2, the administrator can apply configuration parameters, perform firmware upgrade and periodical backup remotely for VigorAP 920R Series

DrayTek VigorAP 920R Technical Specifications

WLAN

DrayTek VigorAP 920R 11ac Wave 2 Dual-Band PoE Outdoor Access Point

IEEE 802.11g/n Compliant

- IEEE 802.11b only
- IEEE 802.11g only
- IEEE 802.11n only
- IEEE 802.11 Mixed (11b+11g)
- IEEE 802.11 Mixed (11g+11n)
- IEEE 802.11 Mixed (11b+11g+11n)

IEEE 802.11g/n Operation Mode

- IEEE 802.11g/n AP
- IEEE 802.11g/n AP Bridge Point to Point
- IEEE 802.11g/n AP Bridge Point to Multi-point
- IEEE 802.11g/n AP Bridge WDS (Wireless Distribution System)
- IEEE 802.11g/n Universal Repeater

IEEE 802.11a/n and IEEE 802.11ac compliant

- IEEE 802.11a only
- IEEE 802.11n only
- IEEE 802.11 Mixed (11a+11n)
- IEEE 802.11 Mixed (11a+11n+11ac)

IEEE 802.11a/n Operation Mode:

- IEEE 802.11a/n AP
- IEEE 802.11a/n AP Bridge WDS (Wireless Distribution System)
- IEEE 802.11a/n Universal Repeater

- IEEE 802.11 Support up to 128 Wireless Clients per Radio: Limit Client
- IEEE 802.11 Multiple SSID: Support 4 SSIDs per Radio
- IEEE 802.11 Hidden SSID
- IEEE 802.11 Wireless Isolation
- IEEE 802.11 MAC Clone
- IEEE 802.11 Security Mode

- IEEE 802.11 Open (Disable)
- IEEE 802.11 64/128-bit WEP
- IEEE 802.11 WPA/PSK
- IEEE 802.11 WPA2/PSK
- IEEE 802.11 Mixed Mode(WPA+WPA2)/PSK
- IEEE 802.11 802.1X
- IEEE 802.11 Encryption: AES/TKIP

IEEE 802.1x Authentication

DrayTek VigorAP 920R 11ac Wave 2 Dual-Band PoE Outdoor Access Point

• Internal RADIUS Server Support PEAP
• RADIUS Proxy Support TLS & PEAP

• MAC Address Control: Support total 256 Entries
• WPS Mode: PIN
• AP Discovery
• WMM
• Station List
• Bandwidth Management
• Station Control

Hardware Interface

• 1 x 10/100/1000Base-T Auto Sensing, RJ-45 with 802.3az Support: Power over Ethernet (PD-in)
• 2 x 10/100/1000Base-T Auto Sensing, RJ-45 with 802.3az Support (920RP only): Port 1: Power over Ethernet (PD in), Port 2: Power over Ethernet (PSE out)
• 1 x Factory Reset Button
• Sensor: Temperature/Humidity
• Antenna connector: 2 x N-type Female
• Temperature

• Operating: -40°C ~ 70°C
• Storage: -50°C ~ 85°C

• Humidity

• 5 ~ 95% (non-condensing)

• Waterproof IP67 Rating

VigorAP920R

• PoE-In: 1x GbE
• PoE-Out: -
• External Dual-Band Antenna: 2
• 5GHz Directional Patch Antenna: -

Price: 404.48EUR