DrayTek

VigorAP 920R Series

Outdoor Extreme Power Wireless AP

- 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

DrayTek VigorAP 920R Series outdoor access point is designed to meet the requirement of wireless network connection in rugged and hazardous locations. VigorAP 920R Series 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.

Gigabit Ethernet & PoE
VigorAP 920R Series 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 920RP 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 Series 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 Series 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 Series outdoor access point is IEEE802.3az compliant which is able to reduce the energy consumption for both ends of the network connection.
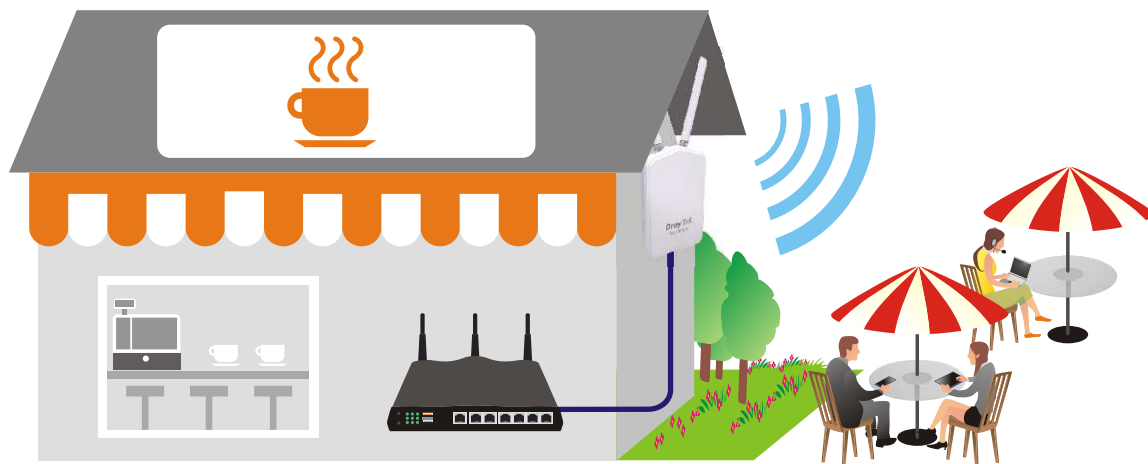
Support High Volume of Wireless Clients
Up to 128 wireless clients per band are allowed to connect to VigorAP 920R Series at the same time.

High Transmission Power & Large Bandwidth
VigorAP 920R Series 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 Series 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 .

WLAN

- Band 2.4GHz
  - IEEE802.11b/g/n Compliant
    - 11b only
    - 11g only
    - 11n only
    - Mixed (11b+11g)
    - Mixed (11g+11n)
    - Mixed (11b+11g+11n)
  - Operation Mode:
    - AP
    - AP Bridge Point to Point
    - AP Bridge Point to Multi-point
    - AP Bridge WDS (Wireless Distribution System)
    - Universal Repeater
- Band 5GHz
  - IEEE802.11a/n and IEEE802.11ac compliant
    - 11a only
    - 11n only
    - Mixed (11a+11n)
    - Mixed (11a+11n+11ac)
  - Operation Mode:
    - AP
    - AP Bridge WDS (Wireless Distribution System)
    - Universal Repeater
- Support up to 128 Wireless Clients per Radio
  - Limit Client
- Multiple SSID
  - Support 4 SSIDs per Radio
- Hidden SSID
- Wireless Isolation
- MAC Clone
- Security Mode
  - Open (Disable)
  - 64/128-bit WEP
  - WPA/PSK
  - WPA2/PSK
  - Mixed Mode(WPA+WPA2)/PSK
  - 802.1X
  - Encryption: AES/TKIP
- 802.1x Authentication
  - 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

	PoE Out
VigorAP 920RP	●
VigorAP 920R	