

AC1200 DualBand WiFi 802.11ac wave2 MU-MIMO

Gigabit (VPN) VDSL2 Router



Model No. VR8281(S)

Product Highlights

TripleWAN offering reliable network

Auto-failover between VDSL2/ADSL2+ & EtherWAN links secures your critical connectivity always-on.

Secured VPN connection (VR8281S)

Supports PPTP, L2TP-over-IPsec and IPsec VPN, ideal for branches which need to connect to local network.

Wireless-AC wave2 and GigabitEthernet

Extreme link speed offer the best connection experience. Stream HD multimedia across your home using fast wired and wireless connectivity options.

Central Management by TR069

Support standard or customized TR069/CWMP for efficiently auto-provisioning and centralized management.



VR8281(S) AC1200 wave2 VDSL2 Router not only a beautifully designed router but also includes features adequate for power users.

Featuring the latest 802.11ac MU-MIMO technology, enhance connection speed to each WiFi client when multiple users are using WiFi simultaneously and get the best WiFi speed experience than before. The device is able to deliver fast wireless speed of up to 866Mbps + 300Mbps, which is ideal for streaming high bandwidth videos, online gaming and internet surfing.

Besides the regular router function, the device can be set to an Access Point extending your existing wireless signals to blind spot areas where the wireless connection is weak or inconsistent.

Connecting with VR8281(S) is pretty standard; you can either go through a web browser or a simple press of the "WPS" button to form a connection with your other network devices.

To top it off, the device comes with high-security encryption and advanced firewall security settings to secure your network from internet threats.



Specification*

WAN interfaces

- VDSL2/ADSL2+ interface
- 10/100/1000Mbps Ethernet interface

Multi-WAN Features

- WAN priority configuration
- Automatically Failover/Fallback between WAN interfaces

DSL

- VDSL2 profile 35b Ready (VPR8221)
- G.993.2: 8a/b/c/d, 12a/b, 17a, 30a
- PhyR
- Virtual Noise
- ANSI T1.413 Issue 2
- G.992.1 (G.dmt)
- G.992.2 (G.lite)
- G.992.3 (ADSL2/G.bis)
- G.992.5 (ADSL2+)
- 993.2(VDSL2)
- 998.4(G.inp)
- 993.5(vectoring)

Network Protocol

- Bridged, PPPoE, IpoE
- Static route
- RIP v1/v2
- MTU size adjustment
- Port mapping
- QoS (Quality of Service) classification
- DNS proxy/relay,
- DDNS
- NTP client
- UPnP
- IGMP snooping & proxy
- MLD snooping & proxy

Network Security

- Build-in robust firewall
- NAT/NAPT
- Stateful Packet Inspection (SPI)
- IP/service ports/MAC packet filtering
- URL/Domain filtering
- DHCP server, client & relay
- Port Forwarding
- Virtual server
- DMZ
- DoS Protection
- ALG, ACL
- PPTP/L2TP/IPSec VPN pass-through

Management

- LAN/WLAN clients info
- Interfaces statistics
- ARP table
- CWMP/TR-069 Remote Management
- Web-based GUI configuration
- Firmware upgrades through HTTP
- Syslog
- Configuration File Backup and Restore
- SNMP v1/v2

Virtual Private Network (VLR8281S)

- IPSec VPN
- L2TP over IPSec
- PPTP Server/Client
- Authentication type: PAP/CHAP/MS-CHAP v2
- Encryption Algorithm: AES/3DES/DES

Advanced Dual Band Wireless

- 802.11ac wave2 (Multi-User) MU-MIMO ready
- 5G 802.11a/n/ac support up to 866Mbps
- 2.4G 802.11b/g/n support up to 300Mbps
- 2T2R MIMO technology
- WPS for easy setup
- AP Neighbors scan
- Wireless access control
- WiFi security: WEP, WPA, WPA2 & WPA2 Mixed
- Multiple-SSID
- Virtual AP/SSID isolation
- WMM (WiFi Multimedia)

IPv6 ready

- IPv6 static routing
- IPv6 dual-stack
- RADVD
- DHCP v6
- IPv6 IP filtering
- IPv6 MLD snooping & proxy

Physical Interface

- 1x DSL port (RJ-11)
- 1x Gigabit-Ethernet WAN port (RJ-45)
- 4x Gigabit-Ethernet LAN Ports (RJ-45)
- 1x Reset button
- 1x WPS button
- 1x WiFi on/off
- 1x Power jack
- 1x Power on/off switch

Power

- 12V DC/1A

Operating Environment

- Operating temperature: 0 – 40°C
- Storage temperature: -20 – 70°C
- Humidity: 20 – 95% non-condensing

VR8281(S) Gigabit (VPN) VDSL2 Router

Gigabit (VPN) VDSL2 Router
AC1200 DualBand WiFi

Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Actual data throughput and wireless coverage will vary. Network conditions and environmental factors, including volume of network traffic, interference, and building construction may lower actual data throughput and wireless coverage.

* Specifications & picture in this datasheet are subject to change without prior notice.

** Future release by request