

Home Gateway

Multi-DSL | Giga Ethernet Port | WiFi6 | TR-069

VR-3071v2



VR-3071v2 is a Multi-DSL Ethernet gateway that provides both ADSL and 35b VDSL, with 5 Giga Ethernet ports and an 802.11ax Wireless solution on frequency band 2.4GHz (2T2R) & 5GHz (4T4R). The Wi-Fi 6 device provides the best end-user experience with the fastest Wi-Fi speeds, up to 4-times greater network capacity than Wi-Fi 5. Additionally, the VR-3071v2 has 1*USB3.0 host port which provides high speed access to USB devices such as printer server, HDD, and has future DLNA connectivity.

The Core design concept of VR-3071v2 is to enhance user experience on high speed applications by its high power wireless design, providing better coverage and stable WiFi services. VR-3071v2 allows easy central management (ACS) by following TR-069.

KEY FEATURES

- **Future-Proof with A/VDSL:** Offers VDSL2 with ADSL2+ fallback for flexible future transitional deployments.
- **Increased Efficiency and Optimized Coverage:** WiFi 6 is the latest WiFi technology utilizing OFDMA, MU-MIMO, 1024QAM and more for an enhanced WiFi experience.
- **Use More Devices:** WiFi 6 is ideal for simultaneously running multiple high-bandwidth devices.
- **Supervectoring:** Part of next-generation broadband technologies - with more frequency ranges than ever before, you can achieve even greater bandwidth (up to 300 Mbit/s download, up to 50 Mbit/s upload).
- **Remote Management for Reduced Truck Rolls:** Supports TR-069 to easily setup, manage, troubleshoot and control the CPE remotely.

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SPECIFICATIONS

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Hardware	<ul style="list-style-type: none">▪ RJ-11 X1 for VDSL2 (35b)/ADSL2+ (Annex A)▪ RJ-45 X 4 for GELAN▪ RJ-45 X 1 for GEWAN▪ IEEE 802.11ax, 2.4GHz, 2T2R▪ IEEE802.11ax, 5GHz, 4T4R▪ USB 3.0 X 1▪ Reset button X 1▪ 2.4G WiFi on/off, WPS button X 1▪ 5G WiFi on/off, WPS button X 1▪ Internal Antenna X 4▪ Power switch X 1
ADSL	<ul style="list-style-type: none">▪ G.994▪ G.992.1 (G.dmt) Annex A▪ G.992.2 (G.lite) Annex A▪ ANSI T1.413▪ G.992.3 (ADSL2) Annex A▪ G.992.5 (ADSL2+) Annex A
VDSL	<ul style="list-style-type: none">▪ G.993.2(VDSL2) 35b, 17a, 12a, 12b, 8a, 8b, 8c, 8d▪ G.993.5 (G.vector)▪ G.998.4 (G.INP)▪ SRA (Seamless Rate Adaptation)▪ UPBO (Upstream Power Back-off)
Ethernet	<ul style="list-style-type: none">▪ IEEE 802.3, IEEE 802.3u IEEE 802.3ab▪ 10/100 /1000 BASE-T, auto-sense▪ Supports MDI/MDX
Networking Protocols	<ul style="list-style-type: none">▪ RFC 2364 (PPPoA), RFC 2684 (RFC 1483) Bridge/Router, RFC 2516 (PPPoE); RFC 1577 (IPoA)▪ PPPoE Pass-Through, Multiple PPPoE Sessions on Single WAN Interface▪ PPPoE Filtering of Non-PPPoE Packets Between WAN and LAN▪ Transparent Bridging Between all LAN and WAN Interfaces▪ 802.1p/802.1q VLAN, DSCP▪ IGMP Proxy V1/V2/V3, IGMP Snooping V1/V2/V3, Fast leave▪ Static route, RIP v1/v2, ARP, RARP, SNTP▪ DHCP Server/Client/Relay, DNS Proxy/ Relay, Dynamic DNS, UPnP, DLNA▪ IPv6 Dual Stack, IPV6 Rapid Deployment (6RD)
Management	<ul style="list-style-type: none">▪ TR-069/TR-104/TR-111/TR-181, SNMP, Telnet, Web-Based Management, Configuration Backup and Restoration▪ Software Upgrade via HTTP, TFTP Server, or FTP Server
Firewall/Filtering	<ul style="list-style-type: none">▪ Stateful Packet Inspection Firewall▪ Stateless Packet Filter▪ URI/URL Filtering▪ TCP/IP/Port/Interface Filtering Rules Support Both Incoming and Outgoing Filtering
NAT/PAT	<ul style="list-style-type: none">▪ Port Triggering▪ Port Forwarding (Virtual Server)▪ Symmetric port-overloading NAT, Full-Cone NAT▪ DMZ host▪ VPN Pass Through (PPTP, L2TP, IPSec)

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Wireless	<ul style="list-style-type: none">▪ IEEE 802.11ax, 2.4GHz, 2T2R Backward compatible with 802.11n/g/b 2412~2472 MHz▪ IEEE 802.11ax,5GHz, 4T4R,▪ Backward compatible with 802.11ac/n/a▪ U-NII-1 (5150~5250 MHz)▪ U-NII-2a (5250~5350 MHz) optional▪ U-NII-2c/2e (5470~5725 MHz) optional▪ U-NII-3 (5725~5825 MHz)▪ WPA/WPA-PSK, WPA2/WPA2-PSK with TKIP & AES Security Type▪ Multiple SSID▪ MAC Address Filtering
Power Supply	<ul style="list-style-type: none">▪ External power adapter: 12VDC/ 1.5
ENVIRONMENT	
Operating Temperature	0°C ~40°C (32°F ~104°F)
Operating Humidity	10%~90% non-condensing
Storage Temperature	-25°C ~65°C (-23°F ~149°F)
Storage Humidity	5%~90% non-condensing



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Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.