

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

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



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