

HIGH POWER

SINGLE LINE VDSL GATEWAY

400mW High Power | 802.11n 300Mbps | TR-069 | 4 Ethernet Ports

PRODUCT OVERVIEW

The VR-3033 is a high power 802.11n 300Mbps single line VDSL gateway. Boasting 400mW high power wireless technology, the VR-3033 is best suited for residential or small office environments that need high-speed Internet access and improved wireless coverage. The VR-3033 can be deployed as a single DSL device for covering end users in different loop range areas, thus reducing costs.



KEY BENEFITS

High Power Wireless

400mW high power 802.11n offers superior wireless coverage, perfect for reducing dead zones in the home/business and improving wireless speeds.

TR-069 Remote Management

TR-069/098/111 and TR-068 compliance improves customer relations and simplifies deployments by managing and configuring devices remotely.

Provides Optimized Performance

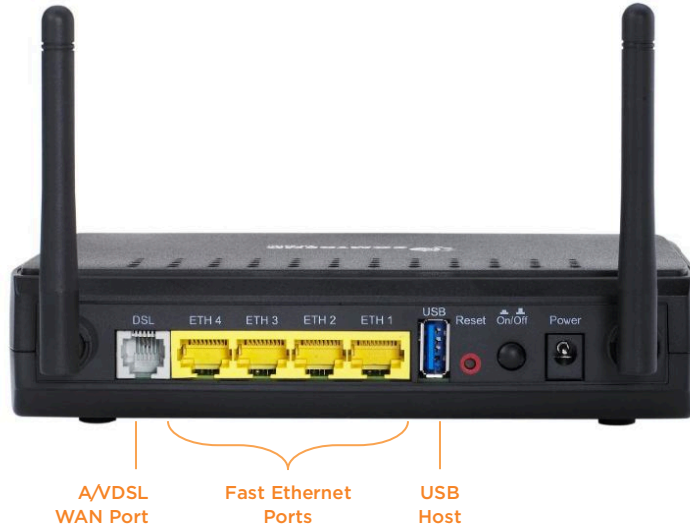
Supports the latest G.vector & G.inp technologies to work together to mitigate crosstalk and impulse noise resulting in greater throughput.

Future-Proofs with A/VDSL

Offers VDSL2 with ADSL2+ fallback for flexible future transitional deployments. Use a single unit for both ADSL2+ and VDSL2 deployments.

VR-3033

400mW High Power | 802.11n 300Mbps | TR-069 | 4 Ethernet Ports



SPECIFICATIONS

Application Pass Through

- PPTP, L2TP, IPSec, SIP, Yahoo Messenger, ICQ, RealPlayer, NetMeeting, MSN, X-Box, etc.

Networking Protocols

- RFC 1483/2684 VC-MUX, LLC/SNAP encapsulations for bridged or routed packet
- IPoEoA (MER), IPoA, IPoE, PPPoE
- PPPoE Filtering of non-PPPoE packets between WAN and LAN
- Transparent bridging between all LAN and WAN interfaces
- 802.1p/802.1q VLAN support
- Spanning Tree Algorithm
- 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
- Internet Printing Protocol
- UPnP
- IPv6 subset

Firewall/Filtering

- Stateful Packet Inspection Firewall
- Stateless Packet Filter
- Day-time Parental Control
- URI/URL filtering
- Denial of Service (DOS): ARP attacks, Ping attacks, Ping of Death, LAND, SYNC, Smurf, Unreachable, Teardrop
- Port Scan Detection and Protection
- TCP/IP/Port/interface filtering rules Support both incoming and outgoing filtering

NAT/PAT

- Supports One to One, Many to One, Many to Many (Overload), Many to Many (No Overload) NAT
- NAT Loopback
- Port Triggering
- Port Forwarding (Virtual Server)
- Symmetric Port-Overloading NAT, Full-Cone NAT
- DMZ Host
- VPN Pass Through (PPTP, L2TP, IPSec)

Management

- TR-069/TR-098/TR-104/TR-111, SNMP, Telnet, Web-based management, Configuration backup and restoration
- Fine Point's TR-069 enhanced functionality is available on this model with specified software
- Software upgrade via HTTP, TFTP server, or FTP server

Routing Functions

- Static Route, RIP, and RIPv2, NAT/PAT, DHCP Server/DHCP Relay, DNS Proxy, ARP

Power Supply

- Input: AC 100/240V,
- Output: DC 12V- 1.0A

Hardware

- 1 Port RJ-11 for ADSL2+/VDSL2
- 4 Ports RJ-45 10/100 BaseT for LAN
- 1 Reset Button
- 1 WPS/WiFi On/Off Button
- 1 Power Switch
- 1 USB Host

WAN

- Complies with ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1, ANSI T1.413 Issue 2
- Annex M "Enhanced Upstream Speed"
- Complies with G.993.2 (supporting profile 8a, 8b, 8c, 8d, 12a, 12b, 17a)
- ADSL2+ Downstream: 24Mbps; Upstream: 1.3Mbps
- VDSL2 Downstream: 100Mbps; Upstream: 60Mbps

LAN

- IEEE 802.3, IEEE 802.3u
- Supports MDI/MDI-X
- 10/100 BaseT Auto-Sense

Wireless (High Power)

- IEEE 802.11b/g/n
- 64, 128-bit Wired Equivalent Privacy (WEP) Data Encryption
- 11 Channels
- Up to 300Mbps PHY Rate
- MAC Address Filtering, WEP, WPA, IEEE 802.1x

ATM Attributes

- RFC 2364 (PPPoA), RFC 2684 (RFC 1483) Bridge/Route; RFC 2516 (PPPoE); RFC 1577 (IPoA)
- Supports up to 16 PVCs
- AAL5
- UBR/CBR/VBR
- UNI 3.1/4.0
- OAM F4/F5

PTM Attributes

- ATM Adaptation Layer: Ethernet Packet Format, Supports 8 Flows, Supports Preemption and Dual Latency, Supports PTM Shaping

Security

- PAP, CHAP, Packet and MAC Address Filtering, SSH
- IPSec Termination
- Three Level Login Including Local Admin, Local User and Remote Technical Support Access

Home Networking Service

- File Sharing (Samba) and Support USB Mass-Storage
- DLNA Media Server
- Printer Server

Application Layer Gateway (ALG)

- SIP, IPSec, H.323, Yahoo Messenger, ICQ, RealPlayer, Net2Phone, NetMeeting, MSN, X-Box, Microsoft DirectX Games etc.

Environment Condition

- Operating Temperature: 32~104°F (0~40°C)
- Relative Humidity: 5~95% (non-condensing)