Home Gateway

VDSL(17a) | Fast Ethernet Port

VR-3034   VDSL Router

The VR-3034 is one Fast Ethernet ports router compliant Multi-DSL router that supports both ADSL2+ and VDSL2.

VDSL2 is a brand new standard and technology perfect for triple play (Video, Voice and Data) applications. The VR-3034 comes with one 10/100 Base-T Ethernet ports.

The VR-3034 is a cost effective solution designed to meet the needs of ISPs and carriers planning on deploying a single DSL device for covering end users in different loop range areas. Deploying VR-3034 is cost effective for ISPs and carriers because deploying a single CPE DSL device with multiple profile support minimizes the number of required upgrades.
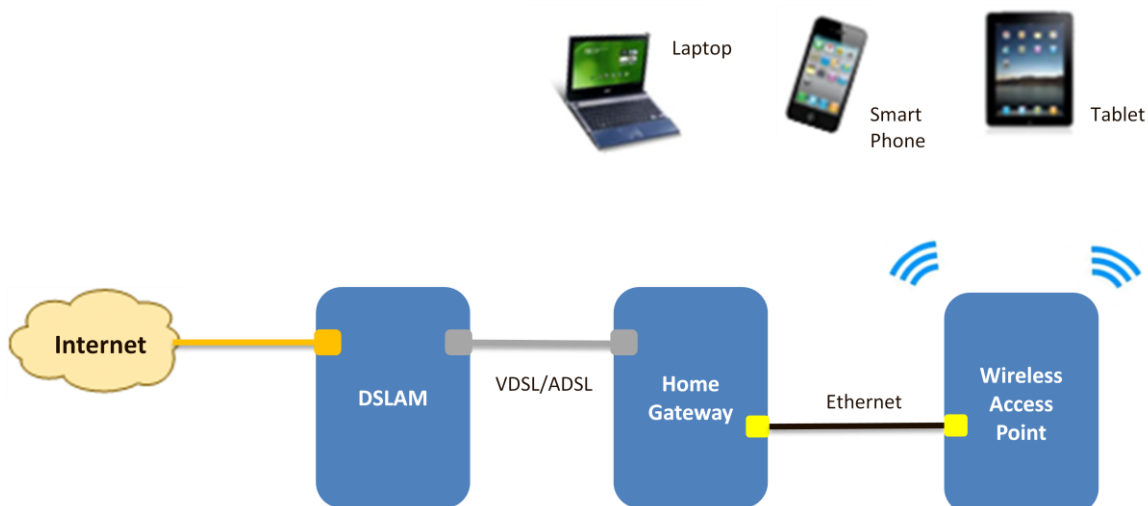
VR-3034   VDSL Router

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Features

- · **Automatically switches to ADSL2+/VDSL2 according to the port setting of DSLAM**
- · **Up to VDSL2 17a Profile**
- · **US0**
- · **PhyR and G.INP, G.Vector**
- · **Up to 16 PVCs and Up to 8 PTM flows**
- · **Auto WAN detection**
- · **IPv6 compliant**
- · **UPnP**
- · **IGMP Snooping/Proxy and Fast Leave**
- · **DNS Proxy/Relay**
- · **DHCP Server/Client**
- · **Dynamic IP assignment**
- · **NAT/PAT**
- · **IP/MAC address filtering**
- · **Static route and RIP/RIP v2 routing function**
- · **Packet level QoS**
- · **Embedded SNMPv2 agent**
- · **Telnet/SSH/FTP/TFTP server**
- · **TR-064/TR-069/TR-098/TR-111**
- · **TR-069 compliant with Comtrend ACS**
- · **Configuration backup and restoration**
- · **Web-based management (HTTPS/HTTP)**
- · **Remote administration, automatic firmware upgrade and configuration**

Laptop

Smart
Phone

Tablet

Internet

DSLAM

VDSL/ADSL

Home
Gateway

Ethernet

Wireless
Access
Point

VR-3034   VDSL Router
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Specification

Hardware
- RJ-11 X1 for VDSL2/ADSL2+ (Annex A)
- RJ-45 X 1 for Fast Ethernet LAN
- Reset button X 1
- Power switch X 1

ADSL
- G.994
- G.992.1 (G.dmt) Annexes A
- G.992.2 (G.lite) Annexes A
- ANSI T1.413
- G.992.3 (ADSL2) Annexes A
- G.992.5 (ADSL2+) Annexes A

VDSL
- G.993.2(VDSL2) 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
- IEEE 802.3i, IEEE 802.3u
- 10BASE-T
- 100 BASE-TX,
- Auto-sense
- Support MDI/MDX

Networking Protocols
- 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
- TR-069/TR-098/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
- Stateful Packet Inspection Firewall
- Stateless Packet Filter
- 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
- Support 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)

Power Supply
- External power adapter: 12VDC/ 1.0A

Environment
- Operating Temperature: 0℃ ~40℃ (32℉ ~104℉)
- Operating Humidity: 10%~90% non-condensing
- Storage Temperature: -25℃ ~65℃ (-23℉ ~149℉)
- Storage Humidity: 5%~90% non-condensing

Dimension
- 171 x 122 x 38mm (WxDxH)

Weight
- 0.6 kg

COMTREND