VDSL2

1 Ethernet Port

VR-3030
VDSL2 Router / Modem

COMTREND
Leading the Communication Trend

The VR-3030 Multi-DSL Router provides wired access for high-bandwidth applications in the home or office. It includes one Fast Ethernet port and supports ADSL2/2+ and VDSL2 connections with automatic fallback to ADSL2+. The VR-3030 supports routed or bridged mode and up to profile 17a in VDSL2 mode for up to 100Mbps of downstream high-speed bandwidth. With the exclusion of wireless access, support and installation is simple and straightforward.

FEATURES

Fast Wired Connections

The VR-3030 features ADSL2+ and VDSL2 (17a) with auto-switching based on DSLAM settings. One fast Ethernet port supports LAN traffic at speeds of up to 100 Mbps.

Remote Management

The VR-3030 complies with TR-069/TR-098/ and TR-111 standards to ensure interoperability with standards-based software and hardware.

Simplified Support

Since the VR-3030 has only 1 LAN port and no integrated wireless capabilities, installation is a breeze and post-installation support will remain low due to fewer support calls for wireless issues.

Safe & Secure Connections

As the first level of protection, a Stateful Firewall (with DoS protection) and NAT/PAT help to isolate the LAN from external threats. IP and MAC address filtering provide fine-grained access control to or from the network. Advanced security technologies, such as Virtual Private Networks (VPN) with PPTP pass-through, L2TP pass-through and IPSec pass-through ensure secure networking.

Quality of Service

Classify, control, and prioritize diverse traffic types, for pristine video, toll-quality voice, and error-free data transmissions.

www.comtrend.com

VR-3030

1 Ethernet Port

SPECIFICATIONS

Hardware

. RJ-11 x1 for ADSL2+/VDSL2
. RJ-45 x 1 for LAN, (10/100 BaseT auto-sense)
. Reset Button x 1 . Power switch x 1

WAN/LAN

. Support for G.inp, G.vector and PhyR
. Comply with ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1,
   ANSI T1.413 Issue 2, AnnexM
. G.992.5 (ADSL2+) Downstream : 24 Mbps   Upstream : 1.3 Mbps
   G.992.3 (ADSL2) Downstream : 12 Mbps   Upstream : 1.3 Mbps
. G.DMT Downstream : 8Mbps   Upstream : 832Kbps
. Comply with G.993.2 (supporting profile 8a, 8b, 8c, 8d, 12a, 12b, 17a)
. IEEE 802.3, IEEE 802.3u; Support MDI/MDX
. IEEE 802.3, IEEE 802.3u
. Support MDI/MDX
. Multiple Subnets on LAN

ATM Attributes

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

PTM Attributes

. Dual Latency

Management

. TR-069/TR-098/TR-104/TR-111, SNMP, Telnet, Web-based
   management, Configuration backup and restoration
. Software upgrade via HTTP, TFTP server, or FTP server

Security Functions

. PAP, CHAP,Packet and MAC address filtering, SSH
. VPN termination
. Three level login including local admin, local user and remote
   technical support access

Dimensions
. 171mm(W) X 38mm(H) X 120mm(D)

Networking Protocols

· RFC2684 VC-MUX, LLC/SNAP encapsulations for bridged or routed
   packet; RFC2364 PPP over AAL5; IPoA, PPPoA, PPPoE, Multiple
   PPPoE sessions on single PVC, PPPoE pass-through, PPPoE
   filtering of on-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 Relay, Dynamic DNS,
· IPv6 subset

QoS
   Packet level QoS classification rules, priority queuing using ATM TX
   queues, IP TOS/Precedence, 802.1p marking, DiffServ DSCP
   marking, Src/dest MAC addresses classification.

Firewall/Filtering
   Stateful 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; TCP/IP/Port/interface filtering rules Support
   both incoming and outgoing filtering

NAT/NAPT
· Support Port Triggering and Port forwarding
· Symmetric port-overloading NAT, Full-Cone NAT
· Dynamic NAPT (NAPT N-to-1)
· Support DMZ host
· Virtual Server
· VPN Passthrough (PPTP, L2TP, IPSec)

Application Layer Gateway (ALG)
· SIP, H.323, Gmail Chat, ICQ, RealPlayer, Net2Phone, NetMeeting,
   MSN, X-box, Microsoft DirectX games, etc.

Environment Condition
· Operating temperature: 0 ~ 40 degrees Celsius
· Relative humidity: 5 ~ 95% (non-condensing)

Kit Components
1*VR-3030, 1*RJ11 cable, 1*RJ45 cable, 1*power adapter,
1*CD-ROM = 1 kg; Power 100 Vac -240 Vac, 12Vdc/1.0A

Note: Specifications are subject to change without notice

www.comtrend.com