COMTREND

xDSL Gateway

A / VDSL | Gigabit Ethernet

VR-3046

Comtrend VR-3046 is designed as a multi-DSL gateway that provides wired access for high-bandwidth applications in the home or office. It includes one Giga Ethernet port and supports ADSL2/2+ and VDSL2 connections with automatic fallback to ADSL2+.

The VR-3046 supports routed or bridged mode and up to profile 35b in VDSL2 mode for 100Mbps upstream and 300Mbps downstream high-speed bandwidth. On longer loops, VDSL2 35b falls back to VDSL2 17a vectoring performance. The device can satisfy online gaming, video streaming, and real-time audio applications. Furthermore, installation is simple and straightforward.

KEY FEATURES

- **Future-Proof with A/VDSL:** Offers VDSL2 with ADSL2+ fallback for flexible future transitional deployments.

- **Provides Optimized Performance:** Supports the latest G.vector & G.inp technologies to work together to mitigate crosstalk and impulse noise resulting in greater throughput.

- **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).

- **Quality of Service:** Classifies, controls and prioritizes diverse traffic types, for pristine video, toll-quality voice, and error free data transmissions.

- **Remote Management for Reduced Truck Rolls:** Supports TR-069 to easily setup, manage, troubleshoot and control the CPE remotely.

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SPECIFICATIONS

HARDWARE SPECIFICATIONS	
Flash	NAND Flash: 128M Byte
RAM	DDR2: 128M Byte
Interfaces	A / VDSL (35b)　x 1 Gigabit Ethernet LAN x 1
LED Indicators	Power, GE, DSL, Internet
Buttons	Power Switch, Reset button
Power Input	12DVC/1A, 100-240ACV, 50/60Hz
ADVANCED FEATURES	
Safe & Secure Connections	Stateful Firewall (with DoS protection) and NAT/PAT
Management Function	TR-069, TR-181(in future), TR-369(in future), HTTP, HTTPS, TELNET, SSH
ENVIRONMENT	
Temperature	Operating: 0°C ~ 40°C (32°F ~104°F) Storage: -40°C ~ 70°C (-40°F ~158°F)
Humidity (Non-condensing)	Operating: 10 ~ 90% RH, non-condensing Storage: 5 ~ 90% RH, non-condensing

COMTREND

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.

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