

## xDSL Gateway

A / VDSL | GE LAN

### VR-3046



**Comtrend's 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 Gigabit 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                                    |   |
|---|---|
| Flash                                       | NAND Flash: 128M Bytes  |
| RAM   | DDR2: 128M Bytes  |
| Interfaces                                  | 1x A / VDSL (35b)<br>1x Gigabit Ethernet LAN                                  |
| LED Indicators                              | Power, GE, DSL, Internet  |
| Buttons                                     | Power Switch, Reset button  |
| Power Input                                 | 12DVC/1A, 100-240ACV, 50/60Hz   |
| SOFTWARE FEATURES                           |   |
| Safe & Secure Connections                   | Stateful Firewall (with DoS protection) and NAT/PAT                           |
| Management Function                         | TR-069, HTTP, HTTPS, TELNET, SSH  |
| PACKAGE CONTENTS                            |   |
| xDSL Gateway (VR-3046)                      |   |
| Power adapter 12VDC/1A, 110-220VAC, 50/60Hz |   |
| ENVIRONMENT                                 |   |
| Temperature                                 | Operating: 0°C ~ 40°C (32°F ~104°F)<br>Storage: -40°C ~ 70°C (-40°F ~158°F)   |
| Humidity (Non-condensing)                   | Operating: 10 ~ 90% RH, non-condensing<br>Storage: 5 ~ 90% RH, non-condensing |

# COMTREND

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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.