COMTREND

A/VDSL2 BONDED
GATEWAY

Wired Only | One Gigabit Ethernet WAN Port | TR-069

NL-3130

The NL-3130 is a high-performance, single-port, A/VDSL2 Bonded Gateway that is ideal for Service Providers that want more flexible wireless integration.

- Offers the latest in bonding (up to profile 17a) with twice the downstream/upstream bandwidth over comparable single-line models.

- Well suited for residential or small office environments that need high-speed internet access for applications such as online gaming, video streaming, and real-time audio.

- Robust capabilities to segment and route IP protocol.

Bring Your Own Wireless:
Wired-only for simplified installations and reduced post-installation support calls.

TR-069 Support:
Reduces truck rolls with remote management to easily fix issues.

Single-Port:
One Gigabit Ethernet LAN port for high-performance speeds and a compact design.

COMTREND
530 Technology Drive Ste 100
Irvine, CA 92618
(949) 753-9640 | us.comtrend.com
DS_VR-3130_V1.0.2

COMTREND

NL-3130

Specifications

Hardware
- RJ-14 X 1 for
  - 35b VDSL single line
  - 17a VDSL bonding
  - ADSL2+ (Annex A) bonding
- RJ-45 X 1 LAN (10/100/1000 Base-T auto-sense)
- Reset button X 1
- Power switch X 1

VDSL Features
- Supports VDSL profiles, 8a/b/c/d, 12a/b, 17a, 30a and 35b
- Supports VDSL band plan, Annex A, 997, 998
- Packet Transfer Mode (PTM) up to 17a bonding
- US0 support
- Seamless Rate Adaption (SRA)
- G.INP support
- G.Vector support

ADSL Features
- T1.413, G.992.1 (G.dmt), G.992.2 (G.lite), G.992.3 (ADSL2) and G.992.5 (ADSL2+)
- Annexes A, L (Reach Extended ADSL2), and M (Enhanced Upstream Speed)
- Seamless Rate Adaption (SRA)
- Supports VC-based and LLC-based multiplexing
- Supports up to 16 PVCs
- ATM shaping: UBR/CBR/VBR-rt//VBR-nrt
- G.INP support

LAN
- 10/100/1000 Base T, IEEE 802.3, IEEE 802.3u IEEE 802.3ab
- Supports MDI/MDIX

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 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, 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

Diagnostics
- ATM F4/F5 OAM, 802.1ag, 802.3ah
- Ping, TraceRoute
- TR-143 (Network Throughput Performance Tests and Statistical Monitoring)

Firewall/Filtering
- Stateful Packet Inspection Firewall
- Stateless Packet Filter
- 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
- 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)

Environmental Conditions
- Operating temperature: 32~104°F (0~40°C)
- Operating humidity: 5~90% (non-condensing)
- Storage temperature: -23~149°F (-25~65°C)
- Storage humidity: 5~90% (non-condensing)

Note: Specifications are subject to change without notice.