

xDSL Bonding

xDSL Bonding | Giga Ethernet Port

NexusLink 3121e Bonding Router



NexusLink 3121e is a Multi-DSL bonding router using the updated silicon platform. It not only provides both ADSL and VDSL but also supports xDSL bonding for extended WAN access bandwidth. It supports VDSL 35b profile on single line. NexusLink 3121e is designed for high speed applications and is suitable for triple play services.

NexusLink 3121eu supports remote management utilities (such as TR-069) for network management and maintenance.

FEATURES

- Multi-DSL Bonding
- Supports both ADSL2+ and VDSL2 (up to 17a Profile); supports G. Vectoring
- Automatically switches to ADSL2+ /VDSL2 according to the port setting of DSLAM
- Supports single line VDSL 35b profile
- UPnP
- IP QoS
- IP/MAC address filtering
- Static route/RIP/RIP v2 routing functions
- IGMP Proxy and fast leave
- DHCP Server/Relay/Client
- Supports QoS (Quality of Service)
- Supports VPN Pass-Through
- Supports day-time parental control
- Supports TR-069/TR-098/TR-104/TR-111
- Supports remote administration, automatic firmware upgrade and configuration
- User friendly color connections

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SPECIFICATIONS

Hardware

- RJ-11 X1 for ADSL2+ bonding / VDSL2, 17a bonding
- RJ-45 X 4 for LAN
- Reset button X 1
- Power switch X 1

WAN

- ADSL2+: single line and bonding
- ADSL Annex B supported
- VDSL2 17a, single line and bonding
- VDSL2 35b single line

LAN

- IEEE 802.3, IEEE 802.3u IEEE 802.3ab
- 10/100 /1000 BaseT auto-sense
- Supports MDI/MDX

ATM Attributes

- RFC 2364 (PPPoA), RFC 2684 (RFC 1483) Bridge/Route; RFC 2516 (PPPoE); RFC 1577 (IPoA)
- Supports 16 PVCs
- AAL5
- UBR/CBR/VBR
- UNI 3.1/4.0
- OAM F4/F5

Management

- SNMP, 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.

Bridge Functions

- IEEE 802.1d
- VLAN support
- Spanning Tree Algorithm
- IGMP Proxy

Routing Functions

- Static route, RIP, and RIPv2, NAT/PAT, DHCP Server/DHCP Relay, DNS Proxy, ARP

Security Functions

- PAP, CHAP, TCP/IP/Port filtering rules, Port triggering/forwarding, Packet and MAC address filtering, access control, SSH

QoS

- L3 policy-based QoS, IP QoS, ToS

Environmental Conditions

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



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