NetCon Broadband Router
FBR-2500
H/W ver. : 1. x
one world_one brand_one level_

Dual-WAN VPN Broadband Router

Product Overview
The LevelOne FBR-2500 Dual-WAN VPN Broadband Router incorporates many advanced features, carefully designed to provide sophisticated functions while being easy to use. It provides shared Broadband Internet access for LAN users with secured access to remote PC or servers through VPN connectivity.

Dual WAN Ports
Contemporary trends towards strongly increased access of graphically rich Internet web sites and multimedia applications are resulting in higher consumption of Internet link resources. Thus bandwidth-starving users are constantly seeking ways to expand their bandwidths.

The FBR-2500 enables 2 WAN ports to connect to alternate ISPs. Both ports can be used simultaneously, providing failover protection. Also, the router automatically adjusts the bandwidth usage between the 2 WAN ports for maximum bandwidth efficiency.

Advanced Internet Functions
The FBR-2500 VPN Broadband Router provides support for Internet communications applications to be used behind a firewall. It allows users to easily set-up port requirements for different applications. It also provides IM and P2P management control to prevent possible misuse of Internet Messenger and P2P applications.

It also provides URL filtering, detailed Internet Access Log file, QoS and VPN Pass through support.

VPN and QoS
The FBR-2500 features VPN network connectivity, providing users with a secured end-to-end private network connection over public networks. It supports PPTP and IPSec with DES, 3DES and AES encryption methods and Autokey IKE, MD5 or SHA-1 authentication.

The FBR-2500 also supports QoS enabling users to allocate bandwidth for critical traffic or applications.

Web-based User-Interface
The FBR-2500 Dual-WAN VPN Router is easy to set-up and configure with its Web-based user interface.

FBR-2500

Key Features

- High-performance VPN NAT router
- Flexible, High-Performance Dual-WAN support
- Supports QoS for critical traffic and applications
- Advanced security protocols and powerful firewall

- Support VPN Security up to 100 tunnels
- High performance security engine for high throughput under secured connection
- Easy set-up and configure
- Easy to use Web-based user-interface

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Product Diagram
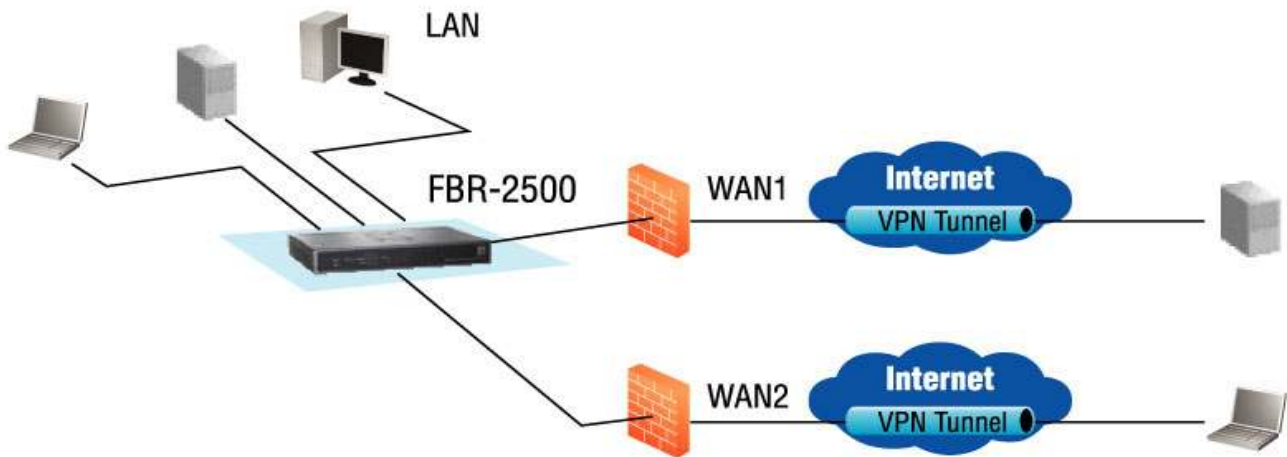
Technical Specification

Networking
- **Standards Compliance**
  - IEEE 802.3 10BaseT Ethernet
  - IEEE 802.3u 100Base-TX Fast Ethernet
- **Ports**
  - WAN: 2x Auto-MDI/MDIX 10/100 Mbps RJ-45 ports
  - LAN: 4x Auto-MDI/MDIX 10/100 Mbps RJ-45 ports

Protocols
- DHCP clinet/server
- PPoE
- PPTP client for DSL connection
- Big Pond Cable
- SingTel RAS
- NTP (Network Time Protocol)

VPN
- Site-to-Site VPN
- Remote Access PPTP
- Manual Key & IKE, PKI
- DES, 3DES, AES encryption
- MD5, SHA-1, PKI certificate authentication
- OCSP (Online certificate status protocol)
- VPN certificated
- DPD support
- NATT support
- PPTP, IPSec L2TP VPN Pass Through

Firewall
- NAT (Network Address Translation)
- Policy based Packet Filtering
- URL Filtering
- Access Control
- SPI (Stateful Packet Inspection)
- DoS (Denial of Service)
- Denial of Service
- Scedular Attack Alert (Log file and Email alert)
- Address List
- Multi-Schedule

Application
- Multi-Dynamic DNS (Dyndns, Dtdns, 3322)
- UPnP
- Virtual Server
- Special Internet Application
- Multi-DMZ
- Dual WAN
- Authentication with PAP and CHAP for PPPoE
- Multi-WAN
- Multi-Schedule
- Address List
- QoS

Management
- HTTP Web based user-interface
- Secured HTTPS Management vi WAN port
- Management via WAN & LAN port

Firmware Upgrade
- HTTP web based download

Physical Specifications
- **LEDs**
  System power
  Status indicator
  WAN link indicator and activity
  LAN link indicator and activity
- **Power**
  DC 5V External Power
- **Temperature**
  Operating: 0°C -40°C (32°F -102°F)
  Storage: -10°C -70°C (-4°F -158°F)
- **Humidity**
  Operating: 85% (RH)
- **Dimension**
  235mm(W) x 147mm(D) x 33mm(H)
- **EMI and Safety**
  FCC, CE

Ordering Information

FBR-2500:   Dual-WAN VPN Broadband Router