



Integral FV-500i

> Firewall VPN In/Out Bound Load Balancer

| Status | WAN |
|--|-------|
| CPU <input type="radio"/> | 1 3 1 |
| Power <input type="radio"/> Packet <input type="radio"/> | 2 4 2 |

NETWALKER®

Affordable Price, Enterprise Class Features

FEATURES

- Integrated Load Balancing, Auto Failover Connection and Traffic Management.
- Shared Internet Access up to 253 users
- High-Performance VPN NAT Router
- Multiple IP Address Supported. Fully support situation where ISP offers multiple public IP addresses allocation.
- Advanced NAT features to set up DMZ, DDNS, Special Application (Gaming), Virtual Servers, SNMP, and NAT Alias.
- 5 Groups of Traffic Management to LAN users
- Support IPsec VPN Security up to 50 tunnels
- VPN Trunking, VPN Aggregation
- Support for 80,000 Concurrent sessions
- One Physical DMZ port (DMZ / WAN switchable)
- QoS (Quality of Service) Support
- Bandwidth Management Support
- Packet Filters & URL/Keyword Blocking
- Support Transparent Bridge Mode
- Easy Web based Setup and Management

Multiple WAN Ports

Connect multiple WAN ports to the Internet for broadband service based on users' network environment to aggregate the total bandwidth.

Smart Load Balancing

Many load balancing types allow administrators to manage the load balancing methods best suited to the LAN environment and to optimize bandwidth across different connections.

High Availability with Aggregated Bandwidth

For small-to-medium size business, VPN Load Balancer is the ideal product. With VPN Load Balancer, up to 253 users are connected to the Internet with aggregated broadband bandwidth.

VPN (Virtual Private Network)

Provides corporate customers to establish secure, and end-to-end private network connection over public network, like Internet (for example, headquarter and branch offices).

QoS (Quality of Service)

Load Balancer supports granular control over available bandwidth. With QoS, businesses can allocate the bandwidth for the critical traffic or applications.

WAN Port Health Check to guard against Connection Failure

Load Balancer offers several connection diagnostic methods to detect the failure of broadband connection and route outbound traffic to available interface to guard against your online access or business downtime.

SPECIFICATIONS

RAM/ROM

16MB / 2MB

WAN

2 Auto-MDI/MDIX 10/100Mbps ports

DMZ

1 Auto-MDI/MDIX 10/100Mbps ports

LAN

4 Auto-MDI/MDIX 10/100Mbps ports
DMZ / WAN switchable, additional WAN port choice

Throughput

NAT Throughput up to 85 M-bits/sec
VPN Throughput up to 40 M-bits/sec

Outbound Load Balance & Failover

Outbound Load Balance by least loading (byte/ packet/ session/ IP), auto-learning, priority, round robin, weight round robin
Auto Failover Connection

Inbound Load Balance & Failover

Inbound load balance by bytes, packet, session, & IP address
Supports SOA, NS, A, MX, CNAME, and PTR records
Auto Failover connection

Protocols

Security: NAT, PAP, CHAP, MS-CHAP

Network: TCP/IP, HTTP, DHCP, PPP, UPnP, Multi-session PPPoE, ARP Proxy

Routing: Static Route, RIP I & II

Connection: Static/Dynamic IP, PPPoE, PPTP, L2TP

VPN

PPTP, L2TP & IPSec Pass-Through capability

PPTP Server: 20 PPTP clients supported

IPSec Tunnels: 50

Encryption: DES, 3DES, AES (128/192/256 bits)

Authentication: MD5, SHA1, SHA2 (256/384/512 bits)

Manual key & IKE (Internet Key Exchange)

Tunnels Load Balancing (Mesh Group)

Firewall

NAPT (Network Address Port Translation)

DoS (Denial of Service) Avoidance

Various Network Attacks Avoidance (Ping to Death, Port Scan, Syn Flood etc.)

Access Controls by Grouping SPI (Stateful Packet Inspection)

ICMP Filter for WAN Interfaces

Extensive Packet Filters

IP/URL/Name/Keyword Block

Session Limit for LAN hosts/users

System Filter Exception

QoS (Quality of Service)

Policy Priority set by source and destination IP, source and destination MAC address, and service type

Bandwidth Management

Security

Admin passwords

Authentication with PAP and CHAP for PPPoE

Anti-DDOS

Management

Management via WAN & LAN port

HTTP/HTTPS web based management

SNMP

Email Alert

Syslog

Application

Support MSN & Netmeeting

Support with VoIP (H.323, SIP) products

Multi-Session PPPoE

Traffic Binding (SMTP ...etc)

UPnP

Well-known/Custom Virtual Server

Multi-DMZ

Dynamic DNS

NAT Status Connection List

NAT Alias (One-to-One NAT)

Adjustable MTU for WAN Interfaces

Dial-on-demand Auto-Connect/Disconnect

MAC Address Clone

Transparent Bridge Mode

DNS Loopback

Any IP on LAN

SNTP

HTTP Proxy Aggregation

Network Diagnostic Tools

Firmware upgrade

HTTP web based download

TFTP download

Power

External AC-DC power adapter 5V/1.5A

Operating environment

0°C ~ 40°C (32°F ~ 104°F)

Storage Temperature

-10 °C ~ 70°C (-4°F ~ 158°F)

Certification

CE Mark, FCC part 15 class B

Dimensions

245x137x30 (mm)