

DFL-1100



FEATURES

No Licensing Required Multi-Function Security

- Network Firewall
- VPN Server
- Content Manager
- Bandwidth Manager
- No Licensing Required

Advanced Firewall Features

- Stateful Packet Inspection
- Detect/drop Intruding Packets
- Embedded VPN
- Physical DMZ Port
- Policy-based NAT
- Multiple Virtual Servers

Embedded VPN Accelerator

- Up to 1000 VPN Tunnels
- IPSec, PPTP, L2TP Pass-through
- DES, 3DES, and AES Encryption
- Automated Key Management via IKE/ISAKMP
- Aggressive/Main/Quick Negotiation Modes

Performance Optimization

- VLAN Tagging
- HA Port for Active Clustering/Load Balancing

Enhanced Network Services

- DHCP Server/Client
- DHCP Relay
- SYSLog Support
- E-Mail Alert
- SNMP Management
- Consistency Checks



Network Security Rackmount VPN Firewall

D-Link, an industry leading in innovative networking solutions, introduces the NetDefend family of Firewall/VPN Security Appliances. With the growing concerns over network security, Denial of Service attacks, virus damage, and privacy demands, D-Link's NetDefend family provides the assurance of a dedicated network security solution in a single device.

The new DFL-1100 network security appliance is an easy-to-deploy VPN and firewall solution designed for enterprise and small to medium businesses that demand superior performance and security. This appliance is a powerful security solution that provides integrated Network Address Translation (NAT), SPI Firewall, advanced content filtering features, IDS protection, bandwidth management, as well as Virtual Private Network (VPN) support. The DFL-1100 hardware includes a trusted LAN port, a WAN port that supports virtually all WAN connection types, and an independent DMZ port to support local servers such as e-mail, Web, and FTP. All of these features conveniently fit into a 1U rack-mountable chassis that can be easily integrated into your switch/server rack.

To provide enterprise-class network security, the DFL-1100 has several flexible firewall features to manage, monitor, and maintain a healthy and secure network. Some network management features include: Remote management, Bandwidth Control Policies, URL/Keyword Blocking, Access Policies, and SNMP. For network monitoring, the DFL-1100 supports e-mail alerts, system log, consistency checks, and real-time statistics. These features along with a firmware backup function provide and maintain maximum network performance and security.

For optimal VPN configuration, the DFL-1100 has both an integrated IPSec VPN Client and Server to support almost any required VPN policy. This high-end appliance has a hardware VPN engine to support and manage up to 1000 VPN connections. The DFL-1100 can support IPSec, PPTP, and L2TP protocol pass-through traffic as well. Advanced VPN configuration options include: AES/DES/3DES encryption, Manual or IKE/ISAKMP key management, Quick/Main/Aggressive Negotiation modes, and VPN authentication support using either an RADIUS server or the internal 500-user database.

Additional network control features supported by the DFL-1100 include VLAN tagging and an optional High Availability (HA) port. VLAN tagging supports integration of the DFL-1100 into your rack system with L2/L3 managed switches to segment your network and prioritize traffic. The optional HA port can be used as an additional DMZ port or connection point to another DFL-1100 to support Active Clustering or Load Balancing to optimize network up-time and performance.

The DFL-1100 can be configured via D-Link's Web-based interface or using the Command Line Interface (CLI). These configuration options can be managed through Admin, Read/Write, or Read-Only administrator rights. With these access management levels, any authorized user can easily configure or access the administrative functions of the DFL-1100.

With businesses becoming increasingly network-dependent, the need to invest in a reliable security solution is crucial. Each security appliance in the D-Link NetDefend SecureNetwork family of products offers high return on investment through robust security features, flexible configuration, and maximum network protection.

Network Security Rackmount VPN Firewall**Specifications****Software****Firewall Mode of Operation**

- Policy-based NATP
- Route mode
- Virtual IP
- Policy-based traffic shaping

VPN Security

- VPN Tunnels: 1,000 Maximum
- IPsec Server/Client
- IPsec/PPTP/L2TP Pass-through
- Encryption Transform: Null, DES, 3DES and AES
- DHCP over IPsec
- Remote access VPN
- Policy-Based Firewall and Session Protection

Firewall Security

- Stateful Packet Inspection (SPI)
- Packet filter, Custom Protocol Filters, Custom ICMP Filter
- Content filter (URL Keyword/Java/ActiveX/Cookie/Proxy)
- Microsoft Active Directory Integration (via MS IAS)

Network Service

- DHCP Server/Client
- DHCP Relay
- PPPoE for DSL
- PPTP for DSL
- DNS Resolving of Remote Gateway System
- SysLog Support
- Firmware Backup
- E-mail Alerts
- Filtering Activity (logging rejected internal and external connection requests)
- Web Access Log
- Internet Access Monitor
- Remote Management from WAN
- Simple Network Time Protocol (SNTP)
- Simple Network Management Protocol (SNMP)
- HTTPS (SSL)
- Consistency Checks

Firewall & VPN User Authentication

- RADIUS (external) database
- Built-in Database: 500 Users Maximum

Intrusion Detection System

- NIDS pattern
- DDOS and DOS detected
- MAC address bind with IP
- Online pattern update
- Detect CodeRed
- Attack alarm (via E-mail)

Bandwidth Management

- Guaranteed bandwidth
- Maximum bandwidth
- Priority-bandwidth utilization
- DiffServ stamp
- Class-based policies
- Policy-specific traffic class
- Application-specific traffic class
- Subnet-specific traffic class

Physical & Environmental**Device Ports**

- WAN: 10/100BASE-TX port
- LAN: 10/100BASE-TX port
- DMZ: 10/100BASE-TX port
- SYN: 10/100BASE-TX port to be used in Active Cluster or Load Balance Scenario
- Console port: serial COM port

Diagnostic LEDs

- Power
- WAN
- DMZ
- Status
- LAN
- SYN

Power Input

- 110/220VAC Standard PC Power Cable

Power Consumption

- 110W maximum power consumption

Dimensions

- 16.75" L x 9.875" W x 1.75" H

Weight

- 7.3lbs

Temperature & Humidity

- Operating: 0° to 55° C
- Storage: -20° to 70° C

Humidity

- 5% to 95%

Emission (EMI)

- FCC Class A
- C-Tick
- CE Class A

Safety

- UL
- LVD (EN60950)
- TUV/GS

Warranty

- 1 Year