

DFL-800



FEATURES

Multi-Function Security

- Network Firewall
- VPN Server
- Content Manager
- Bandwidth Manager
- Transparent Firewall Mode

Advanced Firewall Features

- Stateful Packet Inspection
- Detect/Drop Intruding Packets
- User-Configurable DMZ Port
- User Authentication
- Multiple Virtual Servers
- Intrusion Detection System (IDS)

Embedded VPN Accelerator

- Up to 300 VPN Tunnels
- IPSec, PPTP, L2TP
- DES, 3DES, AES, Twofish, Blowfish, and CAST-128 Encryption
- Automated Key Management via IKE/ISAKMP
- Aggressive/Main/Quick Negotiation

Performance Optimization

- 802.1q VLAN Tagging
- Dual-WAN Ports for Active Clustering/Load Balancing

Enhanced Network Services

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

D NETDEFEND Network Security Desktop VPN Firewall

The NetDefend family of Firewall/VPN Security Appliances is D-Link's answer for hardware-based network security. The new D-Link DFL-800 Network Security Desktop VPN Firewall network security appliance is an easy-to-deploy VPN and firewall solution designed for small-to-medium sized businesses that demand superior performance and security.

The DFL-800 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-800 hardware includes seven trusted LAN ports, dual-WAN ports for load balancing, and a user-configurable DMZ port to support local servers such as e-mail, Web, and FTP. All of these features conveniently fit into a desktop chassis that can be easily integrated into your network.

To provide enterprise-class network security, the DFL-800 has several flexible firewall features to manage, monitor, and maintain a healthy and secure network. Network management features include: Remote Management, Bandwidth Control Policies, URL/Keyword Blocking, Access Policies, and SNMP. For network monitoring, the DFL-800 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-800 has both an integrated 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 300 VPN connections. The DFL-800 can support IPSec, PPTP, and L2TP protocols in Client/Server mode and can handle pass-through traffic as well. Advanced VPN configuration options include: DES/3DES/AES/Twofish/Blowfish/CAST-128 encryption, Manual or IKE/ISAKMP key management, Quick/Main/Aggressive Negotiation modes, and VPN authentication support using either an external RADIUS server or the internal 500-user database.

The DFL-800 can be configured via D-Link's Web-based interface and monitored 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-800.

With businesses becoming increasingly network-dependent, the need to invest in a reliable security solution is crucial. The D-Link DFL-800 NetDefend Network Security Desktop VPN Firewall offers high return on investment through robust security features, flexible configuration, and maximum network protection.

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

- Layer 3 Mode: Route Mode, NAT Mode
- Layer 2 Mode: Transparent Mode
- Network Address Translation (NAT)
- Port Address Translation (PAT)
- Policy-Based NAT
- Port Forwarding
- Server Load Balancing
- Time Scheduled Policies

VPN Security

- VPN Tunnels: 300 (IPSec, PPTP, L2TP)
- IPSec LAN-to-LAN / Roaming User
- PPTP/L2TP Server/Client
- IPSec/PPTP/L2TP Pass-through
- IPSec NAT-Traversal
- DHCP over IPSec
- Encryption Transform: DES, 3DES, AES, Twofish, Blowfish, CAST-128
- XAUTH (Extended Authentication) for IPSec Authentication

Firewall Security

- Stateful Packet Inspection (SPI)
- Policy-Based User Authentication
- Internal User Database (500 Records)
- RADIUS Client
- HTTP Traffic Filter: Keyword, URL, Exempt List
- Script Filter: Java Applet, Java Scripts, VB Scripts, Cookies, ActiveX

Network Service

- Static IP address
- PPPoE for xDSL
- PPTP Client for xDSL
- DHCP Client for WAN Interface
- BigPond Cable, Telia Compliance
- Internal DHCP Server
- DHCP Relay
- DHCP over IPSec
- IP Alias
- Static Routes
- OSPF Dynamic Routing
- Policy-Based Routing
- DNS Resolving of Remote Gateway
- Dynamic DNS Poster
- Custom Application Layer Gateway
- Support IEEE 802.1q VLAN Tag (16)
- Firewall Policies per VLAN Tag
- DHCP Server per VLAN Tag

Bandwidth Management

- Guaranteed Bandwidth
- Maximum Bandwidth
- Priority-Bandwidth Utilization
- Policy-Based Traffic Shaping
- Time-Scheduled Traffic Shaping
- Bandwidth Management in VPN Tunnel

System

- SYSLog Support
- Firmware configuration Backup
- E-mail alerts
- Remote Management – WAN
- Simple Network Time Protocol (SNTP)
- Simple Network Management Protocol (SNMP)
- Configuration Consistency Checks

Intrusion Detection System

- NIDS Pattern Auto Update
- DoS/DDoS Attack Protection
- Attack Alarm via E-mail Notification

Physical & Environmental**Device Ports:**

- WAN: 2 10/100BASE-TX ports
- LAN: 7 10/100BASE-TX ports
- DMZ: 10/100BASE-TX port
- Console Port: Serial COM port

Diagnostic LED

- Power
- System
- WAN (Link/Activity per Port) (2)
- LAN (Link/Activity per Port) (7)
- DMZ (Link/Activity per Port) (1)

Power Input

5VDC, 4.0A switching external power supply

Power Consumption

20 Watts max.

Dimensions

11.0" x 8.43" x 1.73"

Weight

2.8 lbs (Device Only)

Temperature

- Operating: 32°F to 140°F
- Storage: -4°F to 158°F

Humidity

5% to 95% (Non-Condensing)

Emission (EMI)

- FCC Class B
- CE Class B
- C-Tick

Safety

- UL
- LVD (EN60950)