

DFL-700



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

Enhanced Network Services

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

NETDEFEND

Network Security Desktop 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-700 network security appliance is an easy-to-deploy VPN and firewall solution designed for 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-700 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 desktop chassis that can be easily integrated into your network setup.

To provide enterprise-class network security, the DFL-700 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-700 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-700 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 200 VPN connections. The DFL-700 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.

The DFL-700 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-700.

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 Desktop VPN Firewall

Specifications

Software

Firewall Mode of Operation

- Route mode
- Virtual IP
- Policy-based NAT

VPN Security

- VPN Tunnels: 200 Maximum
- IPSec Server/Client
- IPSec/PPTP/L2TP Pass-through
- DHCP over IPSec
- Encryption transform: Null, DES, 3DES and AES
- 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
- 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
- Attack alarm (via E-mail)

Bandwidth Management

- Guaranteed bandwidth
- Maximum bandwidth
- Priority-bandwidth utilization
- DiffServ stamp
- Class-based policies
- 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
- Console port: serial COM port

Diagnostic LEDs

- Power
- Status
- WAN
- LAN
- DMZ

Power Input

- Through 5V, 3.0A switching external power adapter

Power Consumption

- 15 watts max.

Dimensions

- 9.17 x 6.34 x 1.38 in (235 x 162 x 35.6 mm) (device only)

Weight

- 1.01 Lbs (device only)

Temperature

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

Humidity

- 5% to 95%

Emission (EMI)

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

Safety

- UL
- TUV/GS
- LVD (EN60950)

Warranty

- 1 Year