D-Link®
Building Networks for People

DFL-200

FEATURES

Designed for Small to Medium Remote Office Locations

- Desktop Size Chassis
- NAT Firewall
- Accelerated VPN Server
- Content Manager
- No Licensing Required

Advanced Firewall Features

- Stateful Packet Inspection
- Detect/drop Intruding Packets
- Hardware VPN Engine
- Physical DMZ Port
- Policy-based NAPT
- Multiple Virtual Servers

Embedded VPN Accelerator

- Up to 80 VPN Tunnels
- IPSec, PPTP, L2TP Pass-Through
- DES, 3DES, and AES Encryption
- Automated Key Management via IKE/ISAKMP
- Aggressive or Main Negotiation Modes

Enhanced Network Services

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

Product Data Sheet

D NETDEFEND

Network Security
Desktop VPN Firewall

D-Link, an industry leader 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 threats, and increasing privacy demands, D-Link's NetDefend family of firewalls provides the assurance of a dedicated network security solution in a single device.

The DFL-200 is a hardware-based VPN Firewall designed to meet the security and remote access needs of small to medium businesses that demand high performance at competitive prices. This reliable security solution provide remote offices with an integrated Network Address Translation (NAT) and Stateful Packet Inspection (SPI) Firewall, Denial of Service (DoS) protection as well as Virtual Private Network (VPN) endpoint and pass-through support. Additional firewall features include custom and policy-based filtering options to enhance overall network protection. All these features come packed into a single device to provide network administrators a business-class level security solution for smaller-scale offices.

Within a desktop size industrial chassis, the DFL-200 VPN Firewall includes one RS-232 console port, one WAN port, four trusted LAN ports that allow direct connection to up to four computers or switches and one DMZ port to segment publicly accessed resources such as e-mail or FTP servers. Users on the network can connect to the Internet via the DFL-200's WAN connection, which supports Dynamic IP, Static IP, PPPoE client, or PPTP client.

The DFL-200 has several flexible features to manage, monitor, and maintain a healthy and secure network. Some network management features include: Remote management, URL/Keyword Blocking, Access Policies, and SNMP. For network monitoring, the DFL-200 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 advanced VPN setup, the DFL-200 has a built-in hardware accelerated VPN server which supports up to 80 VPN connections. The DFL-200 can support IPSec in Client/Server mode and can also handle IPSec, PPTP, and L2TP pass-through traffic. Advanced VPN configuration options include: AES/DES/3DES encryption, Manual or IKE/ISAKMP key management, Aggressive or Main Negotiation modes, and VPN authentication support using either a RADIUS server or the internal 50-user database.

The DFL-200 can be remotely configured via D-Link's Web-based interface or through a dedicated VPN connection. 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-200.

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 family of products offers high return on investment through robust security features, flexible configuration, and maximum network protection.

Specifications

Software

Firewall Mode of Operation
- Policy-based NAPT
- Route mode
- Virtual IP

VPN Security
- VPN Tunnels: 80 Maximum
- IPSec Server/Client
- DHCP over IPSec
- Authentication Transform: MD-5, SHA-1
- Encryption Transform: Null, DES, 3DES and AES
- DNS Resolving of Remote Gateway

Firewall Security
- Network Address Translation
- 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)
- Policy-Based Firewall and Session Protection

Intrusion Detection System
- NIDS Pattern
- DDoS and DoS Protection
- MAC Address Bind with IP
- Online Pattern Update
- Attack Alarm (via E-mail)

Firewall & VPN User Authentication
- RADIUS (external) Client
- Internal Database: 50 Users Maximum

Administration
- Activity Filter
- E-mail alerts
- Web Access Log
- SYSLog Support
- Firmware backup
- Internet Access Monitor
- Web-based Configuration
- SSL Encrypted Web Management
- Remote Management from VPN
- Remote Management from WAN
- Simple Network Management Protocol (SNMP)

Network Service
- DHCP Server/Client
- DHCP Relay
- PPPoE for DSL
- PPTP for DSL
- IPSec/PPTP/L2TP Pass-Through
- Simple Network Time Protocol (SNTP)
- H.323 Application Level Gateway
- FTP Application Level Gateway
- Consistency Checks

Standards
- 802.3
- 802.3u

Physical & Environmental

Device Ports
- WAN: 10/100BASE-TX port
- LAN: 4 10/100BASE-TX port
- DMZ: 10/100BASE-TX port
- Auto MDI/MDIX (Excl. WAN port)
- Console port: serial RS-232 COM port

Diagnostic LEDs
- Power
- Status
- WAN Link/Activity
- 4 LAN Link/Activity
- DMZ Link/Activity

Power Input
- 5V, 3A Switching External Power Adapter

Dimensions
- 9.17" L x 6.34" W x 1.38" H

Weight
- 1.01 lbs

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

Humidity
- 5% to 95%

Emission (EMI)
- FCC Class A
- CE Class A

Safety
- UL
- TUV/GS
- LVD (EN60950)

Warranty
- 1 Year

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