D-Link®

DFL-1000

Rack-mount firewall with complete virus scanning, access control, intruder protection, remote VPN connection and DMZ functions for company networks.

Network Secure Firewall for Workgroups

The DFL-1000 is a cost-effective firewall that provides comprehensive network protection, performance and easy installation. A hardware device that is much easier to install and more effective than software-based firewalls, the DFL-1000 offers an ideal protection for SMB or even SOHO, with plug-and-play connection, complete security against outside intruders, Virtual Private Network (VPN) support through data encryption and authentication, and easy administration.

Complete Security
Your office is connected to the outside world through the Internet. It is easy for hackers to intrude your databases to steal or destroy data. The DFL-1000 provides a wide range of protection against outside attacks, plus comprehensive security that includes user authentication, scheduled policies and Virtual Server Mapping. The DFL-1000 provides NAT translation of IP addresses from the internal private network to the public IP network.

Content Filtering & Virus Scanning
The DFL-1000 provides filtering of potentially malicious codes embedded in web pages to remove Active objects, java, JavaScript and other potential threats. It provides virus scanning for all incoming and outgoing email and attachments, plus virus check for Web plug-ins and downloaded Web content.

Easy Installation
All you need to do is connect the network cables. To the outside world, you hook the RJ-45 plug to your DSL/cable modem, Internet gateway or router. To your office, you plug in another RJ-45 jack to your network switch or hub. The DMZ port connects to an independent hub or switch for the DMZ network. The DFL-1000 provides CPU, system memory and embedded software, all ready to run.

Access Control
Administration access can be controlled such that the DFL-1000 can be administered from the protected internal network or the external public Internet. The DFL-1000 supports an internal/External (RADIUS) database for authenticating user access to various services. It maps public IP addresses to information servers on the internal network to allow public access. It also prevents access to particular web sites, using powerful pattern matching to block access to URLs.

Scheduled Policies
Firewall policies may be scheduled for different times of the day/week/month and for one time use or recurring.

LAN-to-LAN VPN Connection
The DFL-1000 supports VPN functions including IPSec, ESP security in tunnel mode, LAN to-LAN and mobile remote access.

Hardware Acceleration
The DFL-1000 uses a special design ASIC to perform VPN encryption and decryption. It off-loads CPU loading through hardware-based acceleration.

Management
The DFL-1000 supports web-based management using a secure SSL connection from a remote terminal either on the internal corporate network or even from an external remote site. The DFL-1000 can also be administered on-site using its RS-232 serial connection.

Key Features

- Easy to install, easy to manage
- Web-based management and software updated via browser
- Intruders prevention through MAC Address bind with IP

- Secure system management via VPN Tunnel on any interface
- Triple-DES data encryption
- Anti-virus scanning

DFL-1000
Technical Specifications

Firewall for Workgroups

General
Services
- ftp
- http
- NAT

Authentication
- HMAC MD5 or HMAC SHA-1 Authentication/data integrity

Key Exchange
Automatic IKE based on Pre-Shared Key

Attack Protection Provided
- IP Source Routing
- IP Spoofing
- SYN flood attack
- ICMP flood
- UDP flood
- Land attack
- Address sweep attack
- Tear drop attack
- Win nuke attack
- Port Scan attack
- Ping of Death

Hardware Specifications
Processor
300MHz

System Memory
On board 256MB

Flash Memory
64MB Compact Flash Card

Network Interface
3 10/100Mbps ports (1 Internal, 1 External, 1 DMZ)

LED Indicators
- Power
- Status
- Interface link and activity

Software Specifications
Dedicated VPN Tunnels
300

Concurrent Sessions
25,000

User Authentication Support
RADIUS external database

Physical & Environmental
Power Input
100 - 240V internal switching power supply

Power Consumption
11 Watt in Max

Dimensions
441 x 250 x 44 mm (standard rack-mount width, 1 U height)

Operating Temperature
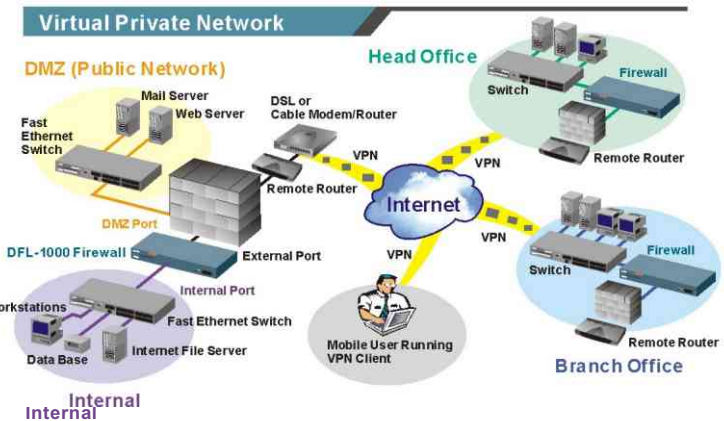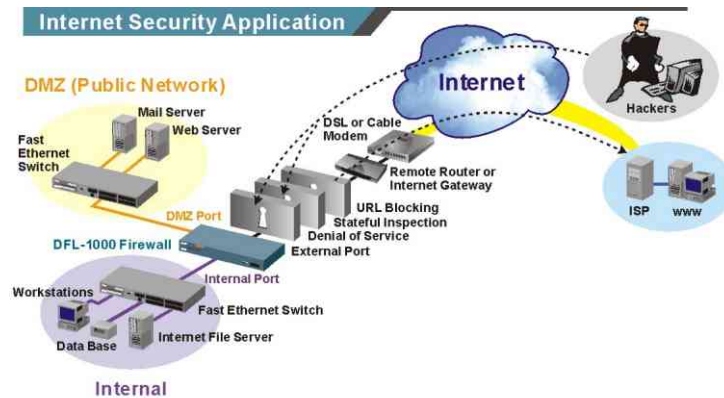$0°C \sim 45°C$

Storage Temperature
$0°C \sim 60°C$

Humidity
5% ~ 95% RH, non-condensing

EMI Certification
- FCC Class A
- CE Class A
- BSMI Class A

Internet Security Application

Virtual Private Network

LISTED
ITE
E141136
66F9

Ordering Information

Workgroup Firewall With VPN & DMZ port
DFL-1000   3 10/100Mbps ports

For country-specific power cord, please specify one of the following after the model number:

/A	Includes an American standard power cord
/BE	Includes both EU and U.K. standard power cord
/N	Includes an Australian standard power cord
/U	Includes no power cord
/E	Includes an EU standard power cord
/B	Includes an U.K. standard power cord

D-Link®

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RECYCLABLE
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