

Produkt Datenblatt



Produkt:	DFL-1100
Produktname:	Network Security Firewall with VPN for Enterprise
Keyfeatures:	<ul style="list-style-type: none"> • 1 10/100BASE-TX LAN port, 1 10/100BASE-TX DMZ port, 1 10/100BASE-TX backup port • 1 10/100BASE-TX WAN port for cable/DSL modem connection • PPTP, L2TP, IPSec VPN tunneling support • PPTP, L2TP, IPSec VPN pass throughput support • Aggressive/Main client mode for VPN • Stateful Packet Inspection (SPI) firewall protection • Denial of Service (DoS) and DDoS attack blocking • Network Address Translation (NAT)/Network Address Port Translation (NAPT) • NAT Application Level Gateway (ALG) support • DHCP server/client and parental control • PPPoE support for dial-up DSL to save ISP charge • Content filtering, URL/domain blocking and key word check • Virtual server support • Web-based configuration management & real-time monitoring • SYSlog protocol support
Ausschreibungstext:	1 10/100BASE-TX LAN port, 1 10/100BASE-TX DMZ port, 1 10/100BASE-TX backup port, 1 10/100BASE-TX WAN port for cable/DSL modem connection; PPTP, L2TP, IPSec VPN tunneling support; PPTP, L2TP, IPSec VPN pass throughput support; Aggressive/Main client mode for VPN ; Stateful Packet Inspection (SPI) firewall protection; Denial of Service (DoS) and DDoS attack blocking; Network Address Translation (NAT)/Network Address Port Translation (NAPT); NAT Application Level Gateway (ALG) support; DHCP server/client and parental control; PPPoE support for dial-up DSL to save ISP charge; Content filtering, URL/domain blocking and key word check; Virtual server support; Web-based configuration management & real-time monitoring; SYSlog protocol support
Why to Buy D-Link:	<ul style="list-style-type: none"> • Multi-Function Security Application • Full Firewall Functions • Advanced Features for Complete Protection • High Performance IPSec VPN Support • Access Control List (ACL) • High Performance With Fault Tolerance • 16 VLAN on WAN Port • IDS/IPS System • 1 DMZ Port, 1 Trusted LAN Port, 1 Backup Port, 1 HA and 1 console port
Technische Details:	<p>Hardware Basics</p> <ul style="list-style-type: none"> • DRAM: 256Mbytes SDRAM • Flash memory: 64 Mbytes • Factory reset button • Accelerator: VPN accelerator for higher performance <p>Device Ports</p> <ul style="list-style-type: none"> • WAN: 10/100BASE-TX port • LAN: 10/100BASE-TX port • DMZ: 10/100BASE-TX port

- Backup: 10/100BASE-TX port
- Console: serial COM port

Performance & Throughput

- Firewall: 250Mbps or higher
- 3DES: 60Mbps or higher
- AES: 84Mbps or higher
- Concurrent sessions: 200,000 max.
- VPN tunnels: 1,000 max.

Software

Firewall Mode of Operation

- NAT (Network Address Translation)
- PAT (Port Address Translation)
- Transparent mode
- Route mode
- Virtual IP
- Policy-based NAT

VPN Security

- IPSec Server/Client, PPTP Server/Client, L2TP Server/Client
- IPSec/PPTP/L2TP pass-through
- Authentication transform: MD5 and SHA-1
- Encryption transform: Null, DES and 3DES, AES
- Key management: manual and IKE
- Keying mode: Pre-Shared Key
- Key exchange: DH1, DH2 and DH5
- Negotiation mode: Quick, Main and Aggressive mode
- Remote access VPN
- Policy-based firewall and session protection
- Keep-Alives on tunnel free configurable
- Hub-n-Spoke

Firewall Security

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

Administration

- Multiple administrators
- Root Admin, Admin & Read Only user levels
- Software upgrades & configuration changes
- Trust host

Network Service

- DHCP Server / Client
- DHCP Relay
- DHCP over IPSec
- PPPoE for xDSL
- PPTP for xDSL
- UPnP
- BigPond Cable
- Free configuration of MTU
- FTP application layer gateway
- DNS resolving of remote gateway

System

- System log
- Firmware backup
- E-Mail Alerts
- Filtering activity (Logs 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)
- SDI service using Ericsson's Home Internet Solution
- Http
- Consistency checks

Firewall & VPN User authentication

- RADIUS (external) database
- Built-in database: up to 500 users

IDS

- NIDS pattern
- DDoS and DoS detected
- MAC address bind with IP
- On-line pattern update
- Detect CodeRed
- Attack alarm (via e-mail)
- Log and report

Bandwidth Management

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

High Availability (HA)

- Session protection for firewall and VPN
- Active-Active cluster and load balance
- Device failure detection
- State synchronization
- VPN synchronization
- Synchronization method: Ethernet
- Average fail-over time: <800ms
- Network notification on fail over

Diagnostic LEDs

- Power
- Status
- WAN
- LAN
- DMZ
- Backup

Physical & Environmental

Power Supply

- Internal universal power supply

Dimensions

- 295 (D) x 440 (W) x 44(H) mm (device only)

Weight

- 3.8 kg (device only)

Operation Temperature

- 0 to 60 C

Storage Temperature

- -20 to 70 C

Operation Humidity

- 5% to 95% non-condensing

Storage Humidity

- 5% to 95% non-condensing

Emission (EMI)

- FCC Class A

	<ul style="list-style-type: none"> • CE Class A • C-Tick • BSMI <p>Safety</p> <ul style="list-style-type: none"> • UL • TUV/GS • LVD (EN60950)
Verpackungsinhalt:	DFL-1100; Netzkabel; QIG; 1 MasterCD
Retail:	Nein/ No
UPC Code:	7.90069.26807.6
Verpackungseinheit:	4
Grösse und Gewicht:	Box: 270 x 203 x 138 mm, 1.39 kg Carton: 430 x 360 x 565 mm, 15.5 kg Pallet: (by Air) 1200 x 1100 x 1300 mm, 203 kg (by Sea) 1200 x 1100 x 1850 mm, 296 kg
Revision:	A1
Netzteil & Länderversion:	/BE
Ursprungsland:	TW
Länder-Freigabe:	D, A, CH, EEC
Opt. Zubehör:	
Verfügbar:	24. Woche/ Week 24, 2004

D-Link GmbH, Product Marketing Management, 16. September 2005