D-Link®

DFL-300

Hardware-Based VPN Router / FireWall

Hardware -Based Firewall Designed for the Small Office Environment

The D-Link DFL-300 Office Firewall is a hardware-based firewall designed for the small office environment. The DFL-300 Office Firewall provides an economical solution for providing small offices with dependable firewall protection against malicious attacks from hackers on the Internet. The DFL-300 provides a web-based interface for easy setup and configuration but is also designed with more advanced security features than typically found in residential gateways. The DFL-300 defends networks against damaging Denial of Service (DoS) attacks and offers network reliability through Stateful Packet Inspection (SPI). It can detect hacker attacks and disallow intruding packets from entering the office network.

Additionally, the DFL-300 is equipped with embedded VPN support that can create multiple IPSec tunnels to remote offices. IPSec on the DFL-300 uses strong encryption with DES, 3DES, and Automated Key Management via IKE/ISAKMP. A VPN tunnel can be activated from the DFL-300 to a remote office for a secured traffic flow between the two locations for mobile users using triple DES Encryption. This offers users a way to confidentially access and transfer sensitive information. Multiple VPN tunnels may be easily created without the need to setup IKE (Internet Key Exchange) policies.

The DFL-300 can support an unlimited number of network clients without the cost of additional licensing fees for the clients. URL blocking is part of the basic feature offered by DFL-300 and provides the benefit of limiting access to undesirable Internet sites. Logs of real-time Internet traffic, alarms of Internet attacks, and notice of web-browsing activities are logged and can be reported through e-mail notification.

The DFL-300 is a cost-effective firewall solution for small and medium-sized businesses because it features SPI (Stateful Packet Inspection), Detect/Drop intruding packets (DoS and Hacker attacks), embedded VPN, DMZ port, multiple-mapped IPs, multiple virtual servers, and server load balancing, typically found on more expensive firewalls.

The DFL-300 includes with three auto-sensing 10Base-T, 100Base-TX, RJ-45 ports. The Internal LAN port connects to the office network and the External WAN port connects to a broadband modem such as Cable or DSL. The DFL-300 Office Firewall also offers a DMZ (Demilitarized Zone) port which allows DMZ computers to be accessed from the Internet. This particular feature is useful because it alleviates congested server traffic from entering the Internal network. Web, Mail, and FTPServers can take advantage of the DMZ port.

The web-based management offered by the DFL-300 provides an easy-touse interface and is password-protected but still easily accessible through



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any Internet browser. Thus, incoming and outgoing policies for firewall traffic, as well as, setup configuration are easily accomplished through the web-based interface.

The DFL-300 Office Firewall detects SYN, Ping of Death, Spoof, Tear Drop, ICMP Flood, UDPFlood, and other attacks against the local network and can be set up to log and send the attack report notification to a specified e-mail address. The DFL-300 can be configured to log all these attacks, locate the source IP address generating the attack, and establish the policy to restrict incoming traffic from that specific IPaddress source.



The DFL-300 Office Firewall provides an economical solution for providing small offices with dependable firewall protection against malicious attacks from hackers on the Internet.

D-Link Systems, 53 Discovery Drive Irvine CA92618 www.dlink.com

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DFL-300

Office Firewall

Easy-to-Install, Easy-to-Use	Techi	nical Specifications
Key Management via IKE/ISAKMP, MD5, SHA-1 Unlimited Users (No Additional License Required) Multiple IPSec VPN tunnels (No License Required) Multiple IPSec VPN tunnels (No License Required) Multiple IPSec VPN tunnels (No License Re Remote and local administration through a Web-based Configuration Three auto-sensing 10/100 Base-TX Ethernet Ports (External, Internal, & DMZ) Real-time monitoring provides traffic detail viewable via Web Browser 100Mbps performance with simultaneous advanced firewall rules Standard Support, ARP, TCP/IP, FTP, DNS, SMTP, UDP, ICMP, DHCP, HTTP, RIP1, RIP2, IKE, IPSec Processor: NS Geode GXI 300 MHz Low-Power CPU on-board Chipset NS CS5530A 256k Ward Licensed BIOS 32MB SDRAM 16MB Flash Memory Universal Power Adapter: Output 5V, 3A Operating Temperature: 0°C ~ 60°C Humidity, 5% ~ 95% RH, non-condensing 8 LED's (6 Networking Connection, 1 Power-on, 1 Status) One 10/100Mbps UAM/external port One 10/100Mbps DMZ port Factory Reset Button Dimensions (IPM-W) 8-7 in x 6.57 in x 1. in Web-Based Management Support DMZ Port Firewall Reset Setting Software Update (via Browser) Detect Hackers, DoS Attacks Ping and Web GUI /Enable or Disable Synchronize System Clock with Client NAT/PAT (IP Sharing) SPI (Stateful Packet Inspection) Detect DoS (SYN/UDP/ICMP) Attacks Drop intruding packets E-mail Alert Notification Bulti-IPPOE Client DHCP Client/Server DHCP Management Address Book / Address Group Book Setting Pre-defined Service / Custom Service Group Support Group Setting Service Book / Service Group Book Setting Pre-defined Service / Custom Service Group Support Offus Pose Support Policies External to Internal Access Control internal to DMZ Access Control External to DMZ Access Control External to DMZ Access Control External to DMZ Access Control Multiple Mapped IP (Software DMZ Host) Multiple Mupted IP (Software DMZ Host) Multiple Mapped IP (Software DMZ Host) Multiple Mapped IP (Software DMZ Host)		
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Multiple IPSec VPN tunnels (No License Re Remote and local administration through a Web-based Configuration Three auto-sensing 10/100 Base-TX Ethernet Ports (External, Internal, & DMZ) Real-time monitoring provides traffic detail viewable via Web Browser 100Mbps performance with simultaneous advanced firewall rules Standard Support. ARP, TCP/IP, FTP, DNS, SMTP, UDP, ICMP, DHCP, HTTP, RIP1, RIP2, IKE, IPSec Processor. NS Geode GX1 300 MHz Low-Power CPU on-board Chipset. NS CS5530A 256K Ward Licensed BIOS 32MB SDRAM 16MB Flash Memory Universal Power Adapter. Output 5V, 3A Operating Temperature: 0°C ~ 60°C Humidity. 5% ~ 95% RH, non-condensing 8 LED's (6 Networking Connection, 1 Power-on, 1 Status) One 10/100Mbps UAX/Internal port One 10/100Mbps DMZ port Practory Reset Button Dimensions (Ph*vs): 8.7 inx 6.57 in x 1. in Web-Based Management Support DMZ Port Friewall Reset Setting Software Update (via Browser) Detect Hackers, DoS Attacks Ping and Web GUI (Enable or Disable Synchronize System Clock with Client NAT/PAT (IP Sharing) SPI (Stateful Packet Inspection) Detect DoS (SPIVUDP)/CMP) Attacks Drop intruding packets E-mail Alert Notification Built-in PPPGE Client DHCP Client/Server DHCP Poserver DHCP Management Address Book / Address Group Book Setting Service Book / Service Group Book Setting Static Route Fixed IP Assigned by DHCP Server DHCP Management Address Book of Access Control Internal to DMZ Access Control External to DMX Access Control Internal to DMZ Access Control Multiple Wapped IP (Software DMZ Host)		 Unlimited Users (No Additional License
Three auto-sensing 10/100 Base-TX Ethernet Ports (External, Internal, & DMZ) Real-time monitoring provides traffic detail viewable via Web Browser 100Mbps performance with simultaneous advanced firewall rules Standard Support ARP, TCP/IP, FTP, DNS, SMTP, UDP, ICMP, DHCP, HTTP, RIP1, RIP2, IKE, IPSec Processor: NS Geode GX1 300 MHz Low-Power CPU on-board Chipset NS CS5530A 256K Ward Licensed BIOS 32MB SDRAM 16MB Flash Memory Universal Power Adapter: Output 5V, 3A Operating Temperature: 0°C ~ 60°C Humidity, 5% ~ 95% RH, non-condensing 8 LED's (6 Networking Connection, 1 Power-on, 1 Status) One 10/100Mbps UAN/external port One 10/100Mbps UAN/external port One 10/100Mbps WAN/external port One 10/100Mbps WAN/external port One 10/100Mbps WAN/external port Practory Reset Button Dimensions (I*h*w): 8.7in x 6.57in x 1.in Web-Based Management Support DMZ Port Firewall Reset Setting Software Update (via Browser) Detect Hackers, DoS Attacks Ping and Web GUI /Enable or Disable Synchronize System Clock with Client NAT/PAT (IP Sharing) SPI (Stateful Packet Inspection) Detect DoS (SYN/UDP/ICMP) Attacks Drop intruding packets E-mail Alert Notification Built-in PPPoE Client DHCP Client/Server DHCP Management Address Book / Address Group Book Setting Service Book / Service Group Book Setting Pre-defined Service / Custom Service Group Support Policies External to Internal Access Control External to DMZ Access Control Internal to DMZ Access Control Internal to DMZ Access Control Multiple Wapped IP (Software DMZ Host) Multiple Virtual Server Traffic/Event Log Log Report/Mail Traffic/Event Log Log Report/Mail Traffic/Event Log NDS Provy		 Remote and local administration through a
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## 256/K Ward Licensed BIOS ## 32MB SDRAM ## 16MB Flash Memory ## Universal Power Adapter: 0°C ~ 60°C ## Humidity: 5% ~ 95% RH, non-condensing ## LED's (6 Networking Connection, 1 ## Power-on, 1 Status) ## One 10/100Mbps LAN/Internal port ## One 10/100Mbps LAN/Internal port ## One 10/100Mbps WAN/external port ## One 10/100Mps WAN/exter	Hardware Description	Low-Power CPU on-board
Hardware Description • 16MB Flash Memory • Universal Power Adapter: Output 5V, 3A Operating Temperature: 0°C ~ 60°C • Humidity: 5% ~ 95% RH, non-condensing • 8 LED's (6 Networking Connection, 1 Power-on, 1 Status) • One 10/100Mbps LAN/Internal port • One 10/100Mbps DMZ port • Factory Reset Button • Dimensions (Ph'w): 8.7 in x 6.57 in x 1.in • Web-Based Management • Support DMZ Port • Firewall Reset Setting • Software Update (via Browser) • Detect Hackers, DoS Attacks • Ping and Web GUI /Enable or Disable • Synchronize System Clock with Client • NAT/PAT (IP Sharing) • SPI (Stateful Packet Inspection) • Detect DoS (SYN/UDP/ICMP) Attacks • Drop intruding packets • E-mail Alert Notification • Built-in PPPoE Client • DHCP Client/Server • DHCP Management • Address Book / Address Group Book Setting • Service Book / Service Group Book Setting • Service Book / Service Group Book Setting • Service Book / Service Group Book Setting • Pre-defined Service / Custom Service Group • Support Group Setting • Static Route • Fixed IP Assigned by DHCP Server • Support Policies • External to Internal Access Control • Internal to DMZ Access Control • External to DMZ Access Control • Internal to DMZ Access Control • Internal to DMZ Access Control • Multiple Mapped IP (Software DMZ Host) • Multiple Virtual Server • Traffic/Event Log • Log Report/Mail • Traffic/Event Log • Log Report/Mail • Traffic/Event Log • Log Report/Mail • Traffic/Event Log • LANWAN Browser Management		 256K Ward Licensed BIOS
Hardware Description Operating Temperature: 0°C ~ 60°C Humidity: 5% ~ 95% RH, non-condensing 8 LED's (6 Networking Connection, 1 Power-on, 1 Status) One 10/100Mbps LAN/Internal port One 10/100Mbps WAN/external port One 10/100Mbps DMZ port Factory Reset Button Dimensions (I*h*w): 8.7in x 6.57in x 1.in Web-Based Management Support DMZ Port Firewall Reset Setting Software Update (via Browser) Detect Hackers, DoS Attacks Ping and Web GUI /Enable or Disable Synchronize System Clock with Client NAT/PAT (IP Sharing) SPI (Stateful Packet Inspection) Detect DoS (SYN/UDP/ICMP) Attacks Drop intruding packets E-mail Alert Notification Built-in PPDG Client DHCP Client/Server DHCP Management Address Book / Address Group Book Setting Service Book / Service Group Book Setting Service Book / Service Group Book Setting Service Book / Service Group Book Setting Pre-defined Service / Custom Service Group Support Group Setting Static Route Fixed IP Assigned by DHCP Server Support Policies External to Internal Access Control Internal to DMZ Access Control Internal to DMZ Access Control Internal to DMZ Access Control Multiple Mapped IP (Software DMZ Host) Multiple Virtual Server Traffic/Event Log Log Report/Mail Traffic/Event Alarm Statistics LAN/WAN Browser Management DNS Proxy		 16MB Flash Memory
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		 LAN/WAN Browser Management
● ARP Table		Status ReportARP Table
● DHCP Client log Warranty One Year Limited Warranty	Warranty	250 K. N. AND K. ANDRA