



SUBESTACIÓN HUANCAVELICA 220/60/10kV.

MANUAL DE EQUIPO DE TELECOMUNICACIONES

**ROUTER
MARCA: D-LINK
TIPO: DFL-210**

**BANCO DE INFORMACIÓN TÉCNICA
DEPARTAMENTO DE TRANSMISIÓN ESTE**

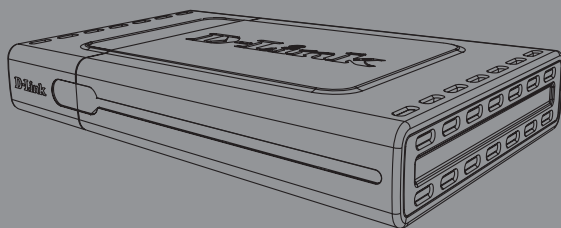


NETDEFEND

NETWORK SECURITY FIREWALL

This Quick Guide will guide you through the installation Process. You are only moments away from using your new D-Link Network Security Product

DFL-210



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DFL-210

Before You Begin

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1.1 Check Your Package Contents

Your NetDefend Network Security Firewall package should contain all the items listed below. If any of these items is found damaged or missing in your package, report it to your reseller immediately for replacement.

- One (1) DFL-210 NetDefend™ Network Security Firewall
- One (1) 5V DC Power Adapter
- One (1) Console Cable (RS-232 cable)
- One (1) Ethernet (CAT5 UTP/Straight Through) Cable
- One (1) Ethernet (CAT5 UTP/Cross-over) Cable
- One (1) CD-ROM (containing QIG/Manual)



Identifying Components

2

The following illustrates the front panel of the DFL-210 and explains the front panel's key components:

2.1 Front View



- | | |
|----------------------|--|
| 1. Power LED | Power indication of the DFL-210. |
| 2. Status LED | System status indication of the DFL-210. |
| 3. WAN LED | WAN port status indication of the DFL-210. |
| 4. DMZ LED | DMZ port status indication of the DFL-210. |
| 5. LAN LED | LAN port status indication of the DFL-210. |

2.2 Rear View



- | | |
|--------------------------|--|
| 1. Console Port | Connects to RS-232 console cable that connects to PC. |
| 2. LAN Ports | These are for the connection of Ethernet cables to the internal network. |
| 3. DMZ Port | This is for the connection of an Ethernet cable to an DMZ network. |
| 4. WAN Port | This is for the connection of an Ethernet cable to a Cable or DSL modem. |
| 5. Reset | This is for resetting system configuration to factory defaults. |
| 6. Power Receptor | This is for the connection of the power adapter to a wall outlet or power strip. |



Note:

WAN interface does not support Auto MDI/MDI-X (Automatic cable detection for Straight-through and Crossover function).

2.3 LED Indicators

LED	Status	Color	Description
Power	Solid green	Green	The device is powered on.
	Light off		The device is powered off.
Status	Solid green	Green	System is operating properly.
	Light off		The device is not working.
	Blinking green		System is defective, such firmware upgrade fail.
WAN	Solid green	Green	Link present
	Blinking green		Port is sending or receiving data.
	Light off		No link
DMZ	Solid green	Green	Link present
	Blinking green		Port is sending or receiving data.
	Light off		No link
LAN	Solid green	Green	Link present
	Blinking green		Port is sending or receiving data.
	Light off		No link

2.4 Default Interface Attribute Definition

Wording on Front plate	Default name in firewall	Default interface type definition	Default interface IP Address	Default DHCP Status
WAN	WAN	DHCP client	N/A	Enabled
DMZ	DMZ	Static IP	172.17.100.254/24	Disable
Ports: 1~4	LAN	Static IP	192.168.1.1/24	Disable



Note:

NetDefendOS only allows Web GUI access from LAN port by default for security consideration. Please refer to user manual for more detail about how to change this configuration.

3.1 Connecting Firewall to Your Network

- A. First, connect the power cord to the receptor at the back panel of the DFL-210 and then plug the other end of the power cord to a wall outlet or power strip. Then powered on the DFL-210 using the on/off switch. Now the Power LED will turn ON to indicate proper operation. After the power LED turns on, you need to wait 1-2 minutes for the DFL-210 to boot up completely.
- B. Connect an Ethernet cable from the DFL-210 to your Cable/DSL modem. If the Cable/DSL modem is powered on, wait for the WAN1 LED on the DFL-210 to light up to show a proper connection. Otherwise, turn off your Cable/DSL modem, connect the Ethernet cable from the DFL-210 to your Cable/DSL modem, and turn on the Cable/DSL modem. Some Cable/DSL modems may not have an on/off switch and will require you to unplug the power adapter.

Note:

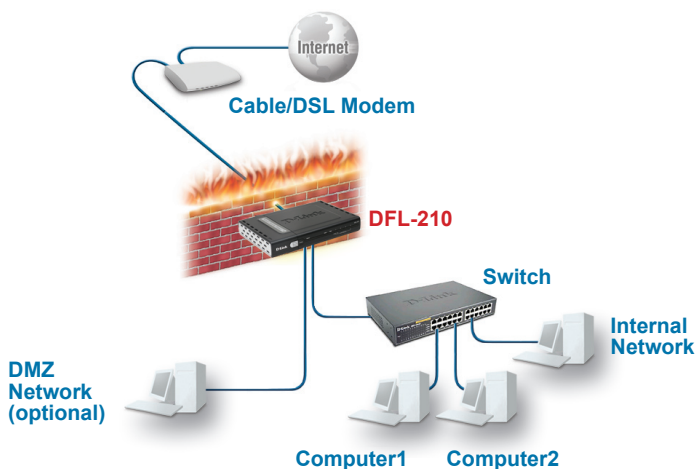
The default management IP address of the DFL-210 is 192.168.1.1. If you have are using a router that uses DHCP, there may be a conflict if the router uses the same IP address as the DFL-210. If this is the case, either disconnect the DFL-210 from the router and change the management IP address of the DFL-210, or change the DHCP settings on your router.

- C. Insert an Ethernet cable to the LAN1 port on the front panel of the DFL-210 and connect it to a port on your network hub or switch. The LED light above the Ethernet port on the DFL-210 will illuminate to indicate proper connection
- D. Connecting the computer that you will use to configure the DFL-210 to the network hub or switch.

4.1 Configure Your Computer's IP Address

Make sure that the network adapter in your computer is configured to use a static IP address with 192.168.1.1 as default gateway and 255.255.255.0 as netmask. Instructions on how to configure the network adapter can be found in the appendix.

When you have completed the steps in this *Quick Installation Guide*, your connected network should look similar to this:



4.2 Using the Setup Wizard

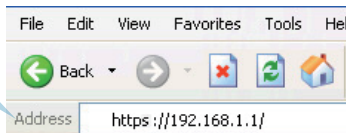
The DFL-210 provides Web based configuration. You can configure your DFL-210 through Internet Explorer 6 and later or Firefox 1.0 and later browser in MS Windows, Macintosh or UNIX based platforms.

Activate your browser, and ensure your built-in Pop-Up Blocker has been disabled, so that the Pop-Up Blocker will not block the Startup Wizard while you initiate the NetDefend Firewall for the first time.

Additionally, in order to reduce the impact of Pop-Up Blocker, a user-friendly mechanism has been implemented in NetDefend Firewalls. A "Startup Wizard" button is shown on the toolbar since firmware v2.20. This button is available on the WebGUI while the appliance is initiated with Configuration Version 1. Once you complete configuration and save/activate the setting, the Startup Wizard button will be removed automatically from the toolbar while you login WebGUI next time.

Now, let's start on WebGUI login, type the IP address of the DFL-210, e.g. <https://192.168.1.1>, in the Location (for Netscape) or Address (for IE) field and press "Enter".

Open your Web browser and type **https://192.168.1.1 /** into the URL address box. Then press the Enter or Return key.



Note:

DFL-210 allows either HTTP or a secure HTTPS connection from any management host. However, for security reason, by default only a secure HTTPS connection is allowed.

Log on to the DFL-210 web interface.

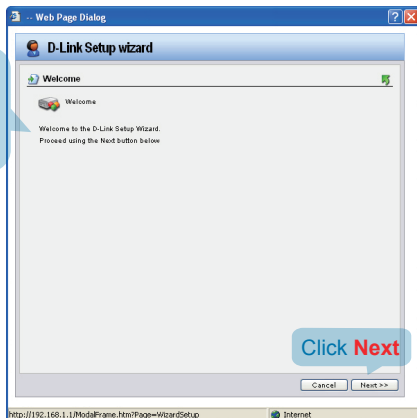
To start using the DFL-210 web interface you need to log on using the default username and password.

Type the default Username/Password
Username: admin
Password: admin
and click Login

A screenshot of the 'Authentication Required' login page. The page has a title bar that says 'Authentication Required'. Below the title bar, it says 'Please enter your username and password.' There are three input fields: 'Username:', 'Password:', and 'Language:'. The 'Language:' field is a dropdown menu currently set to 'English'. Below these fields is a 'Login' button. To the right of the input fields is a large padlock icon. At the bottom of the page, it says 'Optimized for Internet Explorer 6 (and later), Firefox and Netscape 8'.

Step1 - Welcome to the DFL-210 setup wizard!

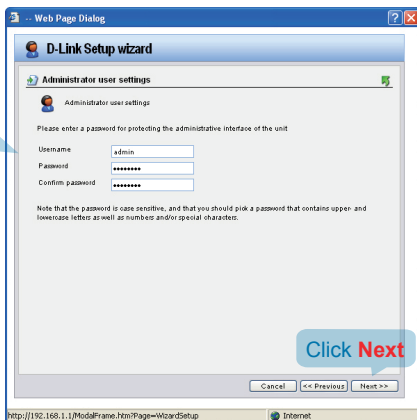
This wizard will guide you through the setup of your DFL-210



Step2 - Set up firewall administrator password

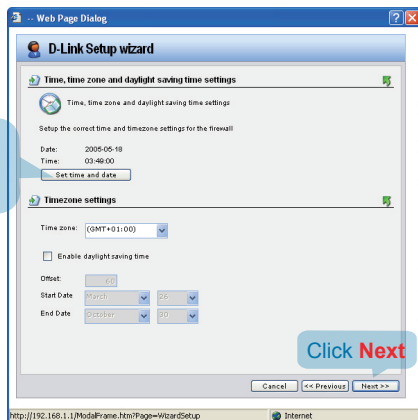
First **Enter** the username that you want to use for the admin account.

Enter the password that you want to use for the admin account.

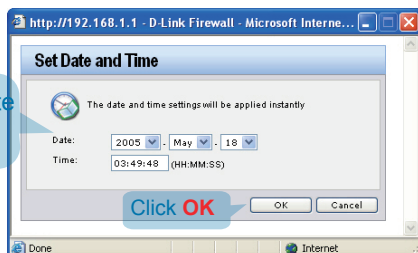


Step 3 - Set up time and date

Click Set time and date button for setting device



Select the appropriate date
Enter the appropriate time



Step 4 - Set up timezone

Select the appropriate
timezone.
Enter the appropriate
daylight saving time
settings.

The screenshot shows the 'D-Link Setup wizard' window with the 'Time, time zone and daylight saving time settings' tab selected. The 'Timezone settings' section is active. It includes a 'Time zone' dropdown menu set to '(GMT+01:00)', a checked 'Enable daylight saving time' checkbox, an 'Offset' field set to '60', and 'Start Date' (March 26) and 'End Date' (October 30) dropdowns. A blue callout bubble points to the 'Time zone' dropdown. At the bottom right, a blue callout bubble says 'Click Next'. The window title bar shows 'Web Page Dialog' and the address bar shows 'http://192.168.1.1/ModeFrame.htm?Page=WizardSetup'.

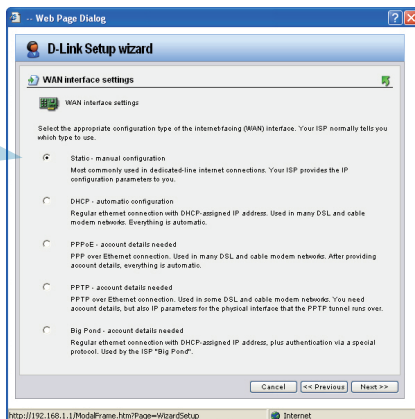
Step 5 - Select WAN interface

Select the WAN
interface that you want
to use.

The screenshot shows the 'D-Link Setup Wizard' window with the 'WAN interface settings' tab selected. The 'WAN interface settings' section is active. It includes a 'Select the interface that is connected to the ISP' instruction and an 'Interface' dropdown menu set to 'wan'. A blue callout bubble points to the 'Interface' dropdown. At the bottom right, a blue callout bubble says 'Click Next'. The window title bar shows 'Webpage Dialog' and the address bar shows 'http://192.168.1.1/ModeFrame.htm?Page=WizardSetup'.

Step 6 - Configure WAN interface

Select the appropriate configuration for the WAN interface, Click **Next** and continue to step 7.1 further down.

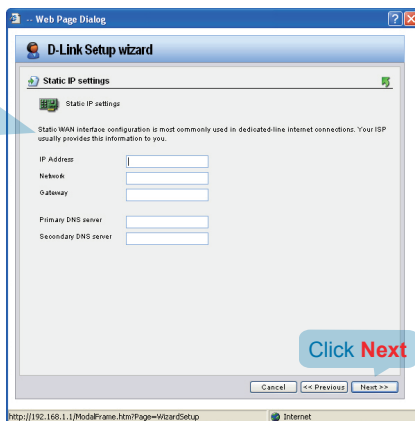


Note:

If you are unsure of which setting to select, please contact your Internet Service Provider.

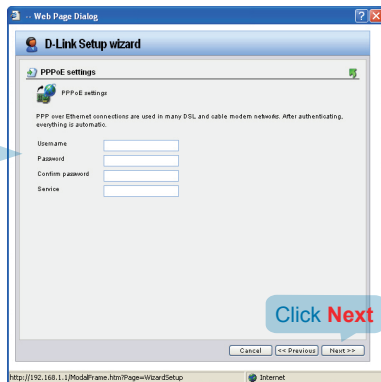
Step 7.1 - WAN Interface Type is Static IP

If you selected Static IP you have to fill out the IP address information provided to you by your ISP. You will need to complete all the required fields except for Secondary DNS Server.



Step 7.2 - WAN Interface Type is PPPoE

If you selected PPPoE (Point-to-Point Protocol over Ethernet) you will have to fill out the user name and password provided to you by your ISP. The PPPoE Service Name field should be left blank unless your ISP informs you otherwise.

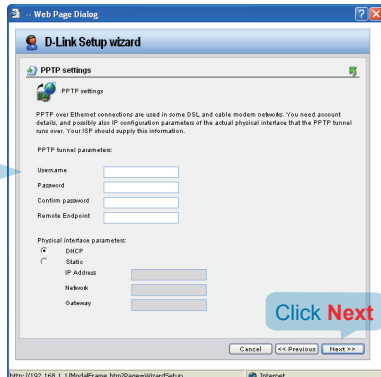


Step 7.3 - WAN Interface Type is PPTP

Enter Username, Password and the PPTP Server IP address provided by your ISP.

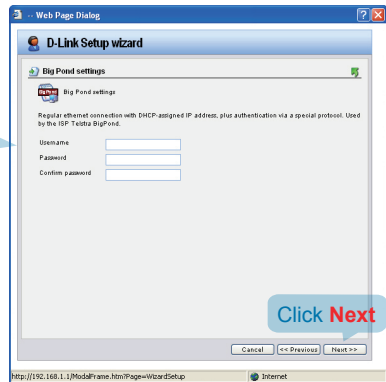
DHCP: If your ISP is using DHCP you should select the DHCP radio button.

Static IP: If your Internet Service Provider is using Static IP you should select the Static IP radio button and enter IP Address, choose a Subnet Mask and enter the Gateway IP address.



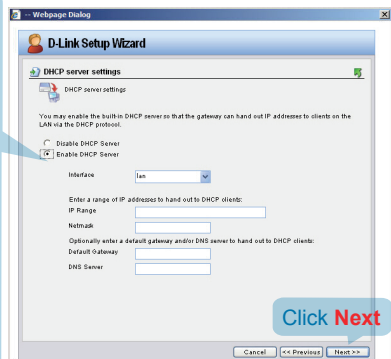
Step 7.4 - WAN Interface Type is Big Pond

If you selected Big Pond you will have to fill out the user name and password provided to you by your ISP.
Click **Next** and continue to step 8.



Step 8 - Set up built-in DHCP server

If you want to use the built-in DHCP Server in the DFL-210, choose **Enable DHCP Server** in this screen. You then need to specify a range of IP addresses to hand out to the DHCP clients. This range is entered in the format **“Start IP - Stop IP”** i.e. 192.168.0.100 - 192.168.0.200. If you don't want to use the built-in DHCP Server or configure it later, choose Disable DHCP Server.



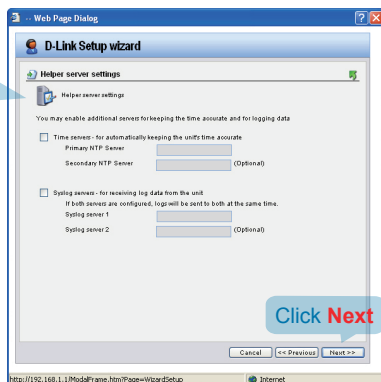
Step 9 - Configure helper servers

NTP Servers

If enabled, specify which NTP Servers that should be used to synchronize the firewall time

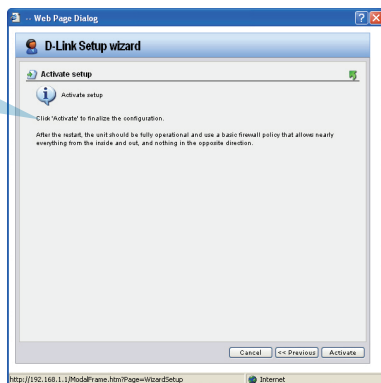
Syslog Servers

If enabled, specify where the firewall should log, you can specify up to two Syslog receivers



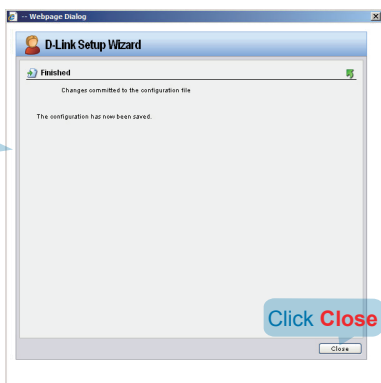
Step10 - Setup Wizard Complete

Click **Activate** to complete your configuration.



Step 11 - Confirmation

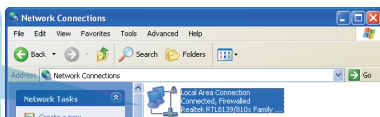
Confirm the changes committed to the configuration file and it has been saved now.



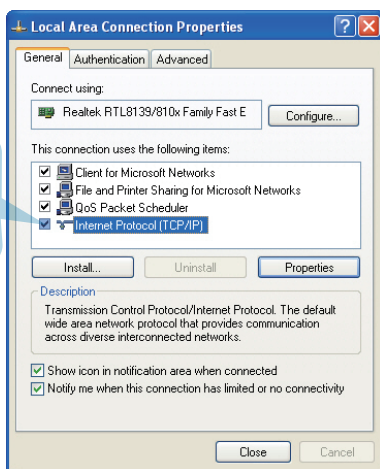
To connect to the DFL-210 Network Security Firewall, make sure the network adapter in your computer is configured properly. Here is how to configure the network adapter manually to the correct IP-address.

5.1 How to configure Static IP Manually on Microsoft Windows XP

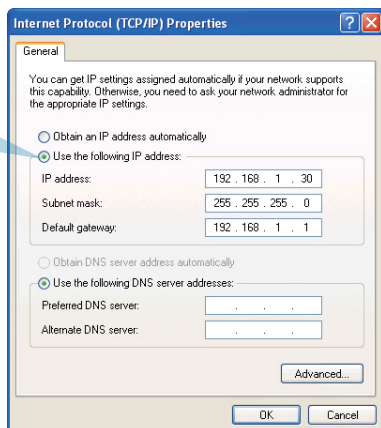
Go to **Start > right click on My Network Places > select Properties > Right-click on the Network Connection** of the Ethernet adapter connecting to the DFL-210 and select **Properties**.



Click **Internet Protocol (TCP/IP)**
Click **Properties**



Select **Use the following IP address**
Set IP address to **192.168.1.30**,
Subnet mask to **255.255.255.0**
and Default gateway to **192.168.1.1**
Click **OK**

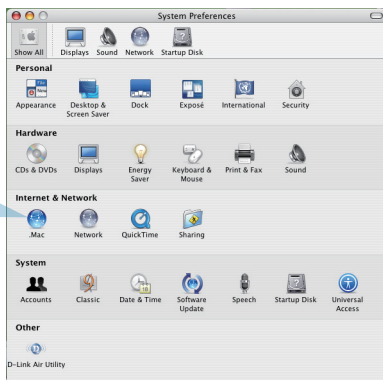


Note:

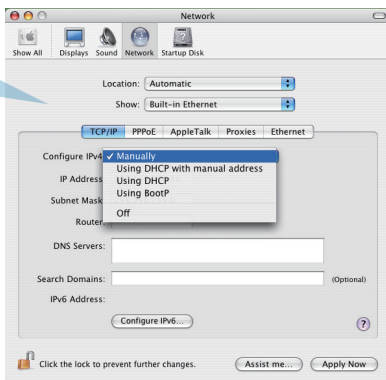
Except for 192.168.1.1, you could set your PC with any IP addresses that same as the 192.168.1.0/ 255.255.255.0 subnet.

5.2 How to Configure Static IP Manually on Apple Mac OS X

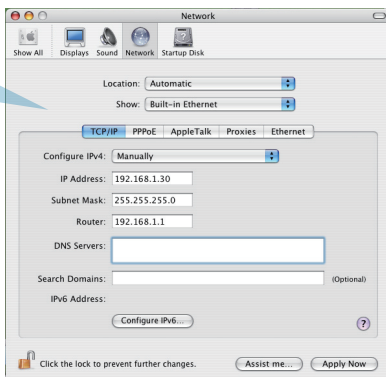
Go to the **Apple Menu**
Click on **Network**
and **Select System Preferences**
Click on **Network**



Select **Built-in Ethernet** in the show pull down menu
Select **Manually** in the Configure pull down menu



Set IP Address to **192.168.1.30**,
Subnet Mask to **255.255.255.0**
and Router to **192.168.1.1**.
Click on **Apply Now**



EMI Statement

FCC Warning

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CE Mark Warning

This is a Class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

Warnung!

Dies ist ein Produkt der Klasse A. Im Wohnbereich kann dieses Produkt Funkstörungen verursachen. In diesem Fall kann vom Benutzer verlangt werden, angemessene Massnahmen zu ergreifen.

Precaución!

Este es un producto de Clase A. En un entorno doméstico, puede causar interferencias de radio, en cuyo caso, puede requerirse al usuario para que adopte las medidas adecuadas.

Attention!

Ceci est un produit de classe A. Dans un environnement domestique, ce produit pourrait causer des interférences radio, auquel cas l'utilisateur devrait prendre les mesures adéquates.

Attenzione!

Il presente prodotto appartiene alla classe A. Se utilizzato in ambiente domestico il prodotto può causare interferenze radio, nel cui caso è possibile che l'utente debba assumere provvedimenti adeguati.

VCCI Warning

この装置は、クラス A 情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

BSMI Warning

警告使用表

這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下使用者會被要求採取某些適當的對策。

DFL-210 | Ficha Técnica

NetDefend VPN Firewall for SMB

Segurança na rede e acesso remoto VPN

ADMINISTRACIÓN DEL SISTEMA	ANCHO DE BANDA MÁXIMO
ASISTENTE DE INSTALACIÓN	UTILIZACIÓN PRIORIDADES
Sí	ANCHO DE BANDA
CONSOLA INTERFACE	Sí
WEB UI INTERFAC	POLÍTICAS BASADAS EN
Sí	TRAFFIC SHAPING
COMMAND LINE INTERFACE (CLI)	Sí
Sí	TRAFFIC SHAPING
SECURE COMMAND SHELL (SSH)	PROGRAMABLES EN EL
*	TIEMPO
SOPORTE DE SISTEMA DE	Sí
ADMINISTRACIÓN CENTRAL	ADMINISTRACIÓN ANCHO
Sí	DE BANDA EN EL TÚNEL VPN
PROTECCIÓN DE CPU Y	Sí
MEMORIA	ALTA DISPONIBILIDAD (AH)
*	WAN FAILOVER
SNTTP Y UDP TIME	Sí
SYNCHRONIZATION	SISTEMA DE DETECCIÓN DE
Sí	INTRUSO (IDS)
ADMINISTRACIÓN DE USUARIOS	PATRONES NIDS AUTO
Y EQUIPO	ACTUALIZABLES
MÚLTIPLES ADMINISTRADORES	Sí
Soportado en el sistema	PROTECCIÓN CONTRA
Administración Central	ATAQUES DOS Y DDOS
CONTROL DE PERMISOS DE	Sí
USUARIO DE MULTI-NIVE	DETECCIÓN DE ATAQUES
Soportado en el sistema	NIMDA,
Administración Central	CODERED
CUENTA ADMINISTRATIVA SOLO	Sí
LECTURA (READ ONLY)	LISTA NEGRA DE IP
Sí	Support: 128 IP/subnet items*
ACTUALIZACIÓN DE SOFTWARE,	ALARMA DE ATAQUE POR
CONFIGURACIÓN BACKUP/	NOTIFICACIÓN DE CORREO
RESTORE	Sí
Web UI	FILTRO DE CONTENIDO
TFTP*	FILTRO DE CONTENIDO
DEFINICIÓN DE HOST	Filtro URL, Filter Keyword*,
CONFIABLE PARA	Exempt list
ADMINISTRACIÓN REMOTA	SCRIPTS
Sí	Java Applet, Java Scripts, VB
AUTENTICACIÓN DE USUARIO	Scripts, Cookies, Active X
BASE DE DATOS LOCAL	EMAIL*
150 items	Black list, Keyword, Exempt list
BASE DE DATOS EXTERNA	BLOQUEOS DE PROGRAMAS
RADIUS, LDAP*, Active Directory	P2P
AUTENTICACIÓN EN LÍNEA CON	Sí
BASE DE	BLOQUEOS DE PROGRAMAS
DATOS INTERNA O EXTERNA	IM
Sí	*
AUTENTICACIÓN DE USUARIOS	BALANCEO DE CARGA DE
POR GRUPOS	TRÁFICO
Sí	BALANCEO DE CARGA DE
SOPORTE DE MÚLTIPLES	TRÁFICO DE SALIDA
SERVIDORES DE	*
AUTENTICACIÓN AL MISMO	ALGORITMO DE BALANCEO
TIEMPO	DE CARGA
Máximo 3 Servidores	Round Robin
IP Y MAC ADDRESS BINDING	Connection Rate
Hasta 64 items	TRÁFICO REDIRIGIDO
XAUTH (EXTENDED	CUANDO FALLA ALGUNA
AUTHENTICATION)	CONEXIÓN
Para autenticación IPSec	Sí
LOGGING Y MONITOREO	LEDS INDICATORS POR
CAPACIDAD DE LOGS INTERNO	DISPOSITIVO
500 records	POWER
VISUALIZADOR LOG	Sí
Sí	STATUS
NOTIFICACIÓN POR EMAIL	Sí
Sí	WAN
SOPORTE DE SERVIDOR LOG	Sí
EXTERNO	LAN
Syslog server	Sí
FORMATO DE EXPORTACIÓN	DMZ
LOG	Sí
CSV (Soportado en el sistema	CARACTERÍSTICAS FÍSICAS
Administración Central)	ALIMENTACIÓN ELÉCTRICA
MONITOREO DE RENDIMIENTO	5V / 3A External AC to DC
EN TIEMPO REAL	Switching Power Adaptor
Sí	DIMENSIONES
LOG DE EVENTOS Y ALARMAS	235 x 162 x 36 mm. Desktop
Sí	Size
ADMINISTRACIÓN DE MENSAJES	TEMPERATURA OPERACIÓN
DE LOG	0°C a 40°C
Sorting/Filtering/Search*	TEMPERATURA
SOPORTE SNMP V1, V2C	ALMACENAJE
Sí	-20°C a 70°C
SNMP TRAP	HUMEDAD
*	5% a 95% No Condensado
SNMP STANDARD MIB-II Y	EMISSION (EMI)
CUSTOM MIB	- FCC Class A
*	- CE Class A
MONITOREO DE TÚNEL VPN	- C-Tick
Sí	SEGURIDAD
ADMINISTRACIÓN DE ANCHO	- UL
DE BANDA	- LVD (EN60950)
ANCHO DE BANDA	- TUV
GARANTIZADO	
Sí	

* Disponible en futura actualización de firmware

CARACTERÍSTICAS TÉCNICAS

PUERTAS

LAN : 04 Ports 10/100 Base-TX Autosensing
WAN : 01 Port 10/100 Base-TX Autosensing
DMZ : 01 Port Configurable 10/100 Base-TX
Autosensing
Serial : RS-232 (9 pines)

CPU

Risc 266 Mhz

SDRAM

128MB

FLASH

128MB

RENDIMIENTO Y CAPACIDADES MÁXIMAS

FIREWALL PERFORMANCE
80 Mbps
AES/3DES PERFORMANCE
25 Mbps

CURRENT SESSION

12,000

NEW SESSION/SECONDS

2,000

POLÍTICAS

500

USUARIOS SOPORTADOS

150

MODOS DE OPERACIÓN FIREWALL

LAYER 3 MODE

Modo Route y NAT

LAYER 2 MODE

Modo Transparente

NAT (NETWORK ADDRESS TRASLATION)

PAT

Sí

PAT (PORT ADDRESS TRASLATION)

Sí

POLÍTICAS BASADAS EN NAT

Sí

PORT FORWARDING

Sí

CONFIGURACIÓN DE POLÍTICAS

PROGRAMABLES EN EL TIEMPO

Sí

VIRTUAL NETWORK PRIVATE (VPN)

PROTOCOLO IPSEC

AH, ESP

MODO IPSEC

Túnel y Transporte

MÉTODO ENCRIPCIÓN

DES/3DES/AES/TwoFish/Blowfish/CAST-128/

NULL

ALGORITMO AUTENTICACIÓN

MD5, SHA-1

GRUPO PFS

Perfect Forward Secrecy (DH Group): Group

1, 2, 5

SERVIDOR VPN

PPTP/L2TP/IPSec

SERVIDOR PPTP

Encriptación MPPE

VPN SITE TO SITE

Sí

REMOTE ACCESS FOR IPSEC

Sí

TÚNELES DEDICADOS

100

MODO IKE

Main, Aggressive,

ADMINISTRACIÓN DE LLAVES

PRE-SHARE KEY

X.509 v3

Manual Key*

SopORTE IKE v2



IPSEC NAT TRANSVERSAL

Sí

SELECCIÓN DE POLÍTICAS VPN

Routing / Policy-Based Routing

DEAD PEER DETECTION

Sí

VPN TUNNEL KEEP ALIVE

Sí

PREVENCIÓN CONTRA REPETICIÓN DE ATAQUES

(REPLAY ATTACK)

Sí

SOPORTE VPN ESTRELLA (HUB AND SPOKE)

Sí

DIRECCIONAMIENTO IP & ROUTING

STATIC IP ADDRESS

Sí

MODOS

PPPoE para xDSL

Cliente PPTP para xDSL

Cliente DHCP para interface WAN

BigPond Cable, Telia compliance

SERVIDOR DHCP INTERNO

Sí

DHCP RELAY

Sí

DHCP SOBRE IPSEC

Sí

IP ALIAS

Sí

STATIC ROUTES

Sí

RUTEO BASADO EN POLÍTICAS

Sí

NETWORKING

Sí

SOPORTE DE MÚLTIPLES ENLACES WAN

Hasta 8 VLANs

SOPORTE DE VLAN IEEE 802.1Q

Sí

IP INTERFACE

8 items

IP MULTICAST

IGMP 2*, IGMP snooping*

H.323 NAT TRAVERSAL

Sí

SOPORTE DE ALG (APPLICATION LAYER GATEWAY)

HTTP, FTP, H.323

SMTP*, SIP*, DNS*

DFL-210 | Descripción Comercial

NetDefend VPN Firewall for SMB

Firewall VPN NetDefend para empresas SMB



GENERAL

D-Link NetDefend, presenta la nueva serie de soluciones de seguridad para empresas de tamaño medio y pequeño. Este Firewall de la línea Net Defend puede ofrecerle un alto retorno de inversión a través de las robustas características de seguridad, configuración flexible y máxima protección de la red.

El Firewall DFL-210 NetDefend, provee de una solución de garantía en seguridad para su red, con funciones integradas tales como firewall, balanceo de carga, tolerancia de fallas, filtro de contenidos, autenticación de usuarios, aplicaciones de bloqueo para mensajería instantánea y peer-to-peer*, protección Denial of Service (DoS), y soporte para redes virtuales (VPN). Este firewall está diseñado para satisfacer las necesidades de seguridad y acceso remoto de las empresas que demandan un alto rendimiento a precios competitivos. Por lo tanto, se convierte en una poderosa solución al integrar todas estas funciones avanzadas en un mismo dispositivo, llevándolo a ser una solución de seguridad para las pequeñas y medianas empresas.

El Firewall DFL-210 puede ser administrado a través de su interfase vía web o a través de una conexión dedicada VPN. Incorpora aplicaciones flexibles para monitorear y mantener a salvo la seguridad de la red, tales como alertas por e-mails, System Log y estadísticas en tiempo real. Estas características, junto con la habilidad de auto-actualización de firmware, garantizan el máximo rendimiento y seguridad para su red

• PRINCIPALES CARACTERÍSTICAS

- 1 puerta WAN, 1 puerta DMZ (configurable) y 4 LAN
- Soporte hasta 12000 sesiones concurrentes
- Soporte de hasta 100 túneles VPNs, rendimiento hasta 25Mbps
- Administración del ancho de banda
- Balanceo de carga
- Filtrado de contenido
- Soporte IDS
- Protección DoS
- System Log y estadística en tiempo real

CARACTERÍSTICAS PRINCIPALES

- Integra facilidades de Firewall y VPN
- Seguridad proactiva de trabajo en la red
- Incrementa la eficiencia de la red
- Excelente performance de encriptación Firewall & VPN
- Soporte de restricciones para usuarios