D-LINK SYSTEMS, INC. | WIRELESS ROUTER | HOME - Windows Internet Explorer

http://192.168.0.1/ | Google

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LOGIN

Login to the router :

User Name : [   ]

Password : [   ]   [Login]

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INTERNET CONNECTION

There are two ways to set up your Internet connection: you can use the Web-based Internet Connection Setup Wizard, or you can manually configure the connection.

INTERNET CONNECTION SETUP WIZARD

If you would like to utility our easy to use Web-based Wizard to assist you in connecting your new D-Link Systems Router to the Internet, click on the button below.

[Internet Connection Setup Wizard]

Note: Before launching the wizard, please make sure you have followed all steps outlined in the Quick Installation Guide included in the package.

MANUAL INTERNET CONNECTION OPTION

If you would like to configure the Internet settings of your new D-Link Router manually, then click on the button below.

[Manual Internet Connection Setup]

Helpful Hints...

• If you are new to networking and have never configured a router before, click on **Internet Connection Setup Wizard** and the router will guide you through a few simple steps to get your network up and running.

• If you consider yourself an advanced user and have configured a router before, click **Manual Internet Connection Setup** to input all the settings manually.

WIRELESS

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INTERNET CONNECTION SETUP WIZARD

http://192.168.0.1/wiz_wan.php

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WELCOME TO THE D-LINK INTERNET CONNECTION SETUP WIZARD

This wizard will guide you through a step-by-step process to configure your new D-Link router and connect to the Internet.

- Step 1: Set your Password
- Step 2: Select your Time Zone
- Step 3: Configure your Internet Connection
- Step 4: Save Settings and Connect

Prev   Next   Cancel   Finish

WIRELESS

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STEP 1: SET YOUR PASSWORD

By default, your new D-Link Router does not have a password configured for administrator access
to the Web-based configuration pages. To secure your new networking device, please set and verify
a password below:

Password : [_____]

Verify Password : [_____]

[Prev] [Next] [Cancel] [Finish]

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STEP 2: SELECT YOUR TIME ZONE

Select the appropriate time zone for your location. This information is required to configure the time-based options for the router.

Time Zone : (GMT+10:00) Canberra, Melbourne, Sydney ▾

[Prev]   [Next]   [Cancel]   [Finish]

WIRELESS

Done   Internet | Protected Mode: On   100%

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STEP 3: CONFIGURE YOUR INTERNET CONNECTION

○ **DHCP Connection (Dynamic IP Address)**

Choose this if your Internet connection automatically provides you with an IP Address. Most Cable Modems use this type of connection.

○ **Username / Password Connection (PPPoE)**

Choose this option if your Internet connection requires a username and password to get online. Most DSL modems use this type of connection.

○ **Username / Password Connection (PPTP)**

Choose this option if your Internet connection requires a username and password to get online. Most DSL modems use this type of connection.

○ **Username / Password Connection (L2TP)**

Choose this option if your Internet connection requires a username and password to get online. Most DSL modems use this type of connection.

○ **Static IP Address Connection**

Choose this option if your Internet Setup Provider provided you with IP Address information that has to be manually configured.

○ **Russia PPTP (Dual Access)**

Choose this option if your Internet connection requires a username and password to get online as well as a static route to access the Internet Service Provider's internal network. Certain ISPs in Russia use this type of connection.

○ **Russia PPPoE (Dual Access)**

Choose this option if your Internet connection requires a username and password to get online as well as a static route to access the Internet Service Provider's internal network. Certain ISPs in Russia use this type of connection.

3G INTERNET CONNECTION

Skip 3G Configuration : ☐

[Prev] [Next] [Cancel] [Finish]

WIRELESS

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DHCP CONNECTION (DYNAMIC IP ADDRESS)

To set up this connection, please make sure that you are connected to the D-Link Router with the PC that was originally connected to your broadband connection. If you are, then click the Clone MAC button to copy your computer's MAC Address to the D-Link Router.

MAC Address : [   ] (optional)

[Copy Your PC's MAC Address]

Host Name : [DIR-412]

Note: You may also need to provide a Host Name.If you do not have or know this information, please contact your ISP.

[Prev] [Next] [Cancel] [Finish]

WIRELESS

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SET USERNAME AND PASSWORD CONNECTION (PPPOE)

To set up this connection you will need to have a Username and Password from your Internet Service Provider. If you do not have this information, please contact your ISP.

Address Mode :	● Dynamic IP ○ Static IP
IP Address :	0.0.0.0
User Name :	
Password :	
Verify Password :	
Service Name :	(optional)

Note: You may also need to provide a Service Name. If you do not have or know this information, please contact your ISP.

[Prev] [Next] [Cancel] [Finish]

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SET STATIC IP ADDRESS CONNECTION

To set up this connection you will need to have a complete list of IP information provided by your Internet Service Provider. If you have a Static IP connection and do not have this information, please contact your ISP.
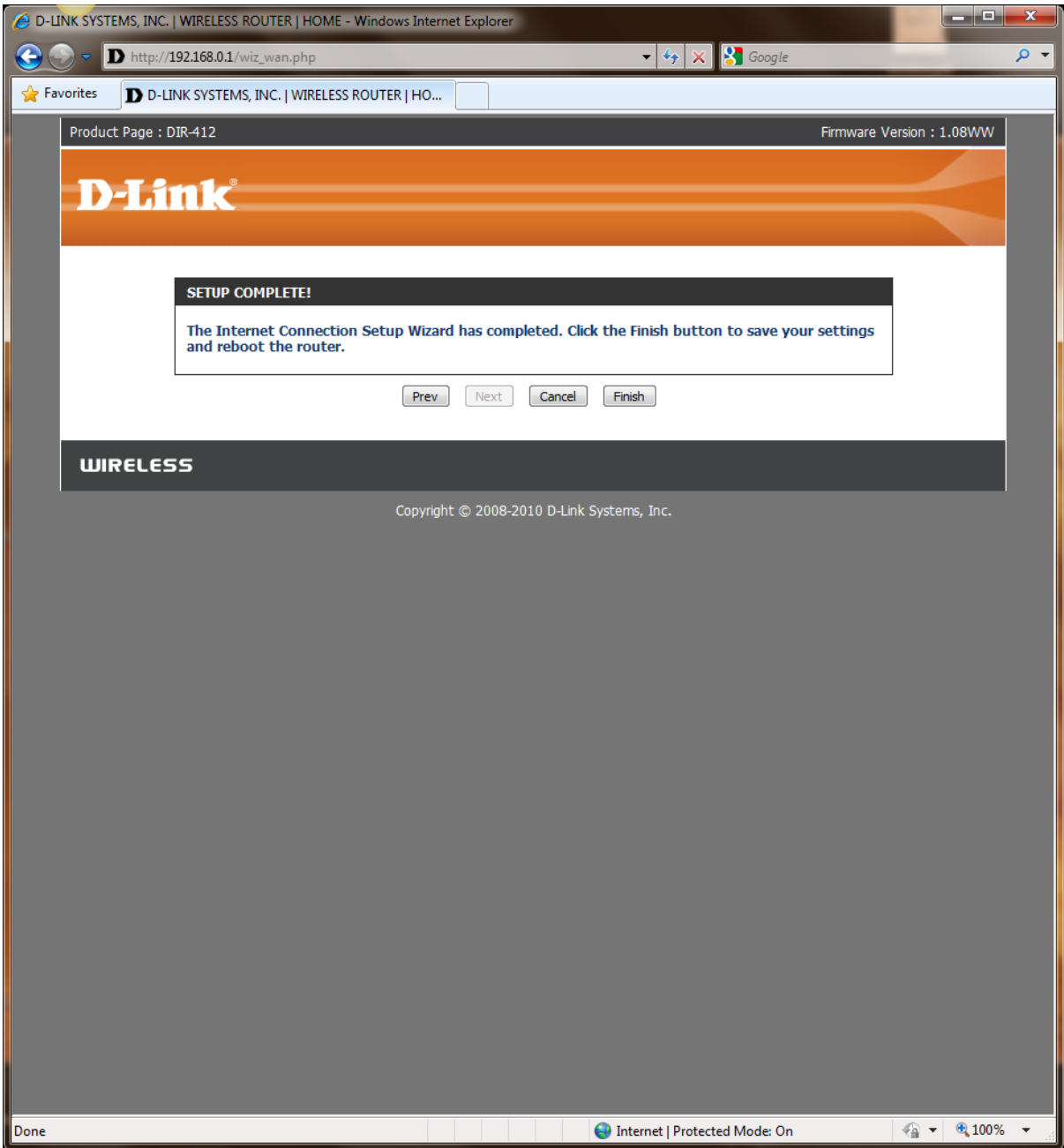
IP Address : 0.0.0.0

Subnet Mask : 0.0.0.0

Gateway Address : 0.0.0.0

Primary DNS Address : 0.0.0.0

Secondary DNS Address : 0.0.0.0   (optional)

Prev   Next   Cancel   Finish

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SETUP COMPLETE!

The Internet Connection Setup Wizard has completed. Click the Finish button to save your settings and reboot the router.

[Prev] [Next] [Cancel] [Finish]

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Use this section to configure your Internet Connection type. There are several connection types to choose from: Static IP, DHCP, PPPoE, PPTP, and L2TP. If you are unsure of your connection method, please contact your Internet Service Provider.

Note : If using the PPPoE option, you will need to remove or disable any PPPoE client software on your computers.

[Save Settings] [Don't Save Settings]

INTERNET CONNECTION TYPE

Choose the mode to be used by the router to connect to the Internet.

My Internet Connection is : Dynamic IP (DHCP) ▼
Enable WAN Failover : ☑

DYNAMIC IP (DHCP) INTERNET CONNECTION TYPE :

Use this Internet connection type if your Internet Service Provider (ISP) didn't provide you with IP Address information and/or a username and password.

Host Name : DIR-412
Primary DNS Server : [   ]
Secondary DNS Server : [   ] (optional)
MTU : 1500
MAC Address : [   ]
[Clone Your PC's MAC Address]

3G INTERNET CONNECTION

Enter the information provided by your Internet Service Provider (ISP).

Auto Config : ☑ Enable

Country : select country ▼
ISP : select ISP ▼
User Name : [   ] (optional)
Password : [   ] (optional)
Dial Number : [   ]
APN : [   ] (optional)
Authentication Protocol : Auto (PAP+CHAP) ▼
SIM Card PIN Code : [   ] (optional)
PIN Code Status :
MTU : 1500

[Save Settings] [Don't Save Settings]

• **Internet Connection:** When configuring the router to access the Internet, be sure to choose the correct **Internet Connection Type** from the drop down menu. If you are unsure of which option to choose, please contact your **Internet Service Provider (ISP)**.

• **Support:** If you are having trouble accessing the Internet through the router, double check any settings you have entered on this page and verify them with your ISP if needed.

Done   🌐 Internet | Protected Mode: On   🔍 100% ▼

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WIRELESS SETTINGS

The following Web-based wizards are designed to assist you in your wireless network setup and wireless device connection.

Before launching these wizards, please make sure you have followed all steps outlined in the Quick Installation Guide included in the package.

WIRELESS NETWORK SETUP WIZARD

This wizard is designed to assist you in your wireless network setup. It will guide you through step-by-step instructions on how to set up your wireless network and how to make it secure.

[Wireless Connection Setup Wizard]

Note: Some changes made using this Setup Wizard may require you to change some settings on your wireless client adapters so they can still connect to the D-Link Router.

ADD WIRELESS DEVICE WITH WPS (WI-FI PROTECTED SETUP) WIZARD

This wizard is designed to assist you in connecting your wireless device to your wireless router. It will guide you through step-by-step instructions on how to get your wireless device connected. Click the button below to begin.

[Add Wireless Device with WPS]

MANUAL WIRELESS NETWORK SETUP

If your wireless network is already set up with Wi-Fi Protected Setup, manual configuration of the wireless network will destroy the existing wireless network. If you would like to configure the wireless settings of your new D-Link Systems Router manually, then click on the Manual Wireless Network Setup button below.

[Manual Wireless Connection Setup]

Helpful Hints...

• If you already have a wireless network setup with Wi-Fi Protected Setup, click on **Add Wireless Device with WPS** to add new device to your wireless network.

• If you are new to wireless networking and have never configured a wireless router before, click on **Wireless Connection Setup Wizard** and the router will guide you through a few simple steps to get your wireless network up and running.

• If you consider yourself an advanced user and have configured a wireless router before, click **Manual Wireless Connection Setup** to input all the settings manually.

WIRELESS

WIRELESS CONNECTION SETUP WIZARD

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SETUP COMPLETE!

Below is a detailed summary of your wireless security settings. Please print this page out, or write the information on a piece of paper, so you can configure the correct settings on your wireless client adapters.

Wireless Band :	2.4GHz Band
Wireless Network Name (SSID) :	clint412
Security Mode :	Auto (WPA or WPA2) - Personal
Cipher Type :	TKIP and AES
Pre-Shared Key :	
	326225499b452258f961243d6429cf4c7f7d2ff70f3f0030b5f869e93173e73d

[Prev] [Next] [Cancel] [Save]

WIRELESS

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SAVING

The settings are being saved and are taking effect.

Please wait ...

WIRELESS

Done

Internet | Protected Mode: On

100%

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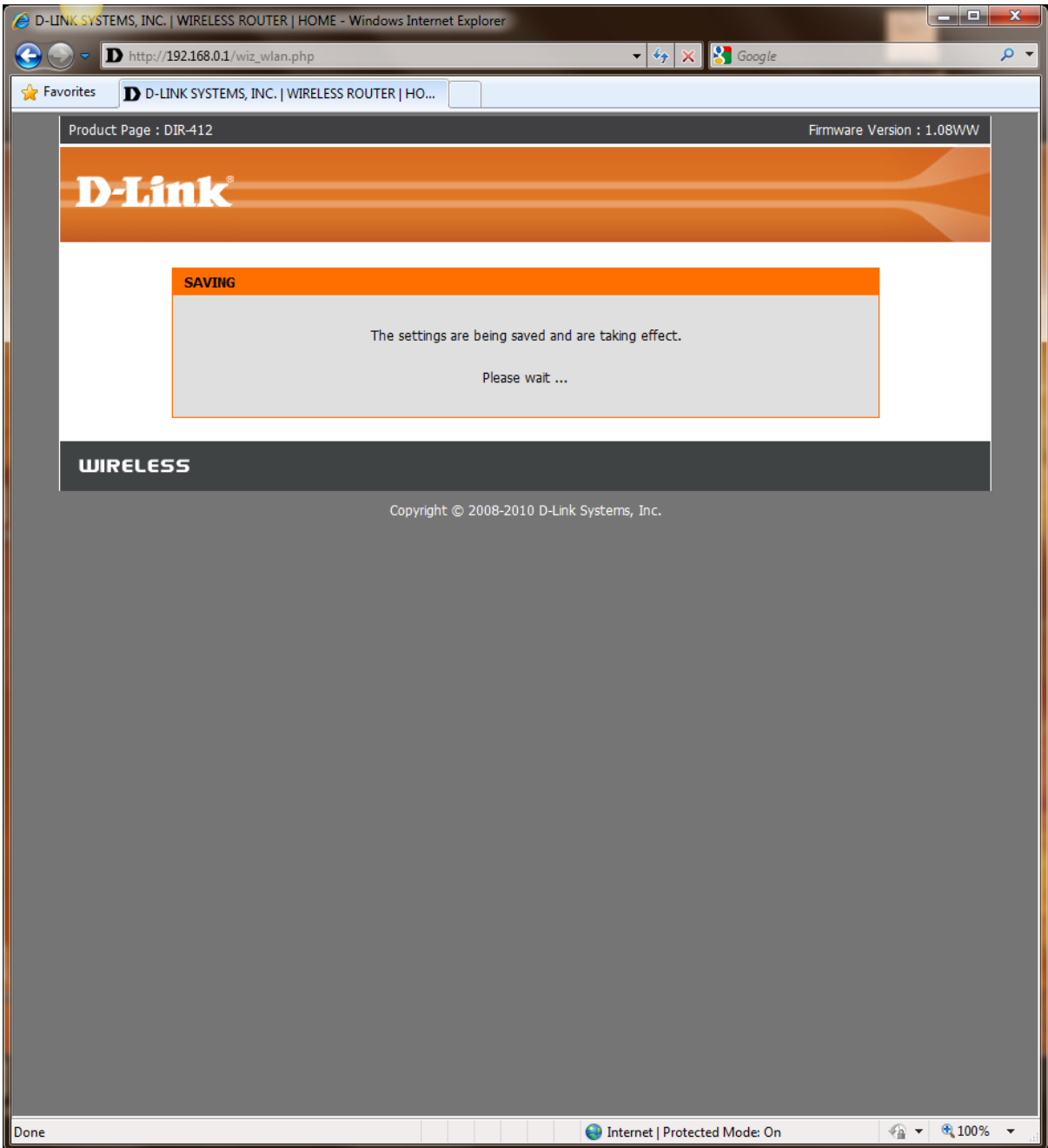
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SETUP COMPLETE!

Below is a detailed summary of your wireless security settings. Please print this page out, or write the information on a piece of paper, so you can configure the correct settings on your wireless client adapters.

Wireless Band :	2.4GHz Band
Wireless Network Name (SSID) :	dlink
Security Mode :	Auto (WPA or WPA2) - Personal
Cipher Type :	TKIP and AES
Pre-Shared Key :	testing1

[Prev] [Next] [Cancel] [Save]

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SAVING

The settings are being saved and are taking effect.

Please wait ...

WIRELESS

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ADD DEVICE WITH WPS

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STEP 2: CONNECT YOUR WIRELESS DEVICE

There are two ways to add wireless device to your wireless network:
-PIN (Personal Identification Number)
-PBC (Push Button Configuration)

○ **PIN** : [   ]

please enter the PIN from your wireless device and click the below "Connect" Button within 120 seconds

○ **PBC**

please press the push button on your wireless device and click the below "Connect" Button within 120 seconds

[Prev] [Next] [Cancel] [Connect]

WIRELESS

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STEP 1: SELECT CONFIGURATION METHOD FOR YOUR WIRELESS NETWORK

Please select one of following configuration methods and click next to continue.

Auto   ○ Select this option if your wireless device supports WPS (Wi-Fi Protected Setup)

Manual ⦿ Select this option will display the current wireless settings for you to configure the wireless device manually

[Prev]   [Next]   [Cancel]   [Wireless Status]

WIRELESS

Done   Internet | Protected Mode: On   🔍 ▼ ⊕ 100% ▼

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STEP 2: CONNECT YOUR WIRELESS DEVICE

Below is a detailed summary of your wireless security settings. Please print this page out, or write the information on a piece of paper, so you can configure the correct settings on your wireless client adapters.

SSID: dlink

Security Mode: Auto (WPA or WPA2) - Personal

Cipher Type: TKIP and AES

Pre-shared Key: testing1

[Prev] [Next] [Cancel] [Wireless Status]

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WIRELESS NETWORK

Use this section to configure the wireless settings for your D-Link router. Please note that changes made in this section may also need to be duplicated on your wireless client.

To protect your privacy you can configure wireless security features. This device supports three wireless security modes including: WEP, WPA and WPA2.

[Save Settings]   [Don't Save Settings]

WIRELESS NETWORK SETTINGS

Enable Wireless : ☑ [Always ▼] [New Schedule]

Wireless Network Name : dlink   (Also called the SSID)

Enable Auto Channel Selection : ☐

Wireless Channel : [6 ▼]

Transmission Rate : [Best (automatic) ▼] (Mbit/s)

WMM Enable : ☑ (Wireless QoS)

Enable Hidden Wireless : ☐ (Also called the SSID Broadcast)

WIRELESS SECURITY MODE

Security Mode : [Enable WPA/WPA2 Wireless Security (enhanced) ▼]

WPA/WPA2

WPA/WPA2 requires stations to use high grade encryption and authentication.

Cipher Type : [AUTO(TKIP/AES) ▼]

PSK / EAP : [PSK ▼]

Network Key : testing1

(8~63 ASCII or 64 HEX)

[Save Settings]   [Don't Save Settings]

WIRELESS

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WIRELESS NETWORK

Use this section to configure the wireless settings for your D-Link router. Please note that changes made in this section may also need to be duplicated on your wireless client.

To protect your privacy you can configure wireless security features. This device supports three wireless security modes including: WEP, WPA and WPA2.

Save Settings   Don't Save Settings

WIRELESS NETWORK SETTINGS

Enable Wireless : ☑ Always ▼ New Schedule

Wireless Network Name : dlink (Also called the SSID)

Enable Auto Channel Selection : ☐

Wireless Channel : 6 ▼

1
2
3
4
5
6
7
8
9
10
11
12
13

Transmission Rate : (automatic) ▼ (Mbit/s)

WMM Enable : (Wireless QoS)

Enable Hidden Wireless : (Also called the SSID Broadcast)

WIRELESS SECURITY MODE

Security Mode : Enable WPA2 Wireless Security (enhanced) ▼

WPA/WPA2

WPA/WPA2 requires stations to use high grade encryption and authentication.

Cipher Type : AUTO(TKIP/AES) ▼

PSK / EAP : PSK ▼

Network Key : testing1

(8~63 ASCII or 64 HEX)

Save Settings   Don't Save Settings

Helpful Hints...

• Changing your Wireless Network Name is the first step in securing your wireless network. We recommend that you change it to a familiar name that does not contain any personal information.

• Enable Auto Channel Selection let the router can select the best possible channel for your wireless network to operate on.

• Enabling WMM can help control latency and jitter when transmitting multimedia content over a wireless connection.

• Enabling Hidden Mode is another way to secure your network. With this option enabled, no wireless clients will be able to see your wireless network when they perform a scan to see what's available. In order for your wireless devices to connect to your router, you will need to manually enter the Wireless Network Name on each device.

• If you have enabled Wireless Security, make sure you write down the WEP Key or Passphrase that you have configured. You will need to enter this information on any wireless device that you connect to your wireless network.

WIRELESS

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WIRELESS NETWORK

Use this section to configure the wireless settings for your D-Link router. Please note that changes made in this section may also need to be duplicated on your wireless client.

To protect your privacy you can configure wireless security features. This device supports three wireless security modes including: WEP, WPA and WPA2.

[Save Settings]   [Don't Save Settings]

WIRELESS NETWORK SETTINGS

Enable Wireless : ☑ [Always ▼] [New Schedule]

Wireless Network Name : dlink   (Also called the SSID)

Enable Auto Channel Selection : ☐

Wireless Channel : [6 ▼]

Transmission Rate : [Best (automatic) ▼] (Mbit/s)

WMM Enable : ☑ (Wireless QoS)

Enable Hidden Wireless : ☐ (Also called the SSID Broadcast)

WIRELESS SECURITY MODE

Security Mode : [Enable WPA/WPA2 Wireless Security (enhanced) ▼]
- Disable Wireless Security (not recommended)
- Enable WEP Wireless Security (basic)
- Enable WPA/WPA2 Wireless Security (enhanced)

WPA/WPA2

WPA/WPA2 requires stations to use high grade encryption and authentication.

Cipher Type : [AUTO(TKIP/AES) ▼]

PSK / EAP : [PSK ▼]

Network Key : testing1

(8~63 ASCII or 64 HEX)

[Save Settings]   [Don't Save Settings]

Helpful Hints...

• Changing your Wireless Network Name is the first step in securing your wireless network. We recommend that you change it to a familiar name that does not contain any personal information.

• Enable Auto Channel Selection let the router can select the best possible channel for your wireless network to operate on.

• Enabling WMM can help control latency and jitter when transmitting multimedia content over a wireless connection.

• Enabling Hidden Mode is another way to secure your network. With this option enabled, no wireless clients will be able to see your wireless network when they perform a scan to see what's available. In order for your wireless devices to connect to your router, you will need to manually enter the Wireless Network Name on each device.

• If you have enabled Wireless Security, make sure you write down the WEP Key or Passphrase that you have configured. You will need to enter this information on any wireless device that you connect to your wireless network.

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MESSAGE SERVICE

WIRELESS NETWORK

Use this section to configure the wireless settings for your D-Link router. Please note that changes made in this section may also need to be duplicated on your wireless client.

To protect your privacy you can configure wireless security features. This device supports three wireless security modes including: WEP, WPA and WPA2.

[Save Settings] [Don't Save Settings]

WIRELESS NETWORK SETTINGS

Enable Wireless : ☑ Always ▼ [New Schedule]

Wireless Network Name : dlink   (Also called the SSID)

Enable Auto Channel Selection : ☐

Wireless Channel : 6 ▼

Transmission Rate : Best (automatic) ▼ (Mbit/s)

WMM Enable : ☑ (Wireless QoS)

Enable Hidden Wireless : ☐ (Also called the SSID Broadcast)

WIRELESS SECURITY MODE

Security Mode : Enable WEP Wireless Security (basic) ▼

WEP

WEP is the wireless encryption standard. To use it you must enter the same key(s) into the router and the wireless stations. For 64-bit keys you must enter 10 hex digits into each key box. For 128-bit keys you must enter 26 hex digits into each key box. A hex digit is either a number from 0 to 9 or a letter from A to F. For the most secure use of WEP set the authentication type to "Shared Key" when WEP is enabled.

You may also enter any text string into a WEP key box, in which case it will be converted into a hexadecimal key using the ASCII values of the characters. A maximum of 5 text characters can be entered for 64-bit keys, and a maximum of 13 characters for 128-bit keys.

Authentication : Open ▼

WEP Encryption : 64Bit ▼

Default WEP Key : WEP Key 1 ▼

WEP Key :   (5 ASCII or 10 HEX)

[Save Settings] [Don't Save Settings]

Helpful Hints...

• Changing your Wireless Network Name is the first step in securing your wireless network. We recommend that you change it to a familiar name that does not contain any personal information.

• Enable Auto Channel Selection let the router can select the best possible channel for your wireless network to operate on.

• Enabling **WMM** can help control latency and jitter when transmitting multimedia content over a wireless connection.

• Enabling Hidden Mode is another way to secure your network. With this option enabled, no wireless clients will be able to see your wireless network when they perform a scan to see what's available. In order for your wireless devices to connect to your router, you will need to manually enter the Wireless Network Name on each device.

• If you have enabled Wireless Security, make sure you write down the WEP Key or Passphrase that you have configured. You will need to enter this information on any wireless device that you connect to your wireless network.

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WIRELESS NETWORK

Use this section to configure the wireless settings for your D-Link router. Please note that changes made in this section may also need to be duplicated on your wireless client.

To protect your privacy you can configure wireless security features. This device supports three wireless security modes including: WEP, WPA and WPA2.

[Save Settings] [Don't Save Settings]

WIRELESS NETWORK SETTINGS

Enable Wireless : ☑ [Always ▼] [New Schedule]

Wireless Network Name : [dlink]   (Also called the SSID)

Enable Auto Channel Selection : ☐

Wireless Channel : [6 ▼]

Transmission Rate : [Best (automatic) ▼] (Mbit/s)

WMM Enable : ☑ (Wireless QoS)

Enable Hidden Wireless : ☐ (Also called the SSID Broadcast)

WIRELESS SECURITY MODE

Security Mode : [Enable WEP Wireless Security (basic) ▼]

WEP

WEP is the wireless encryption standard. To use it you must enter the same key(s) into the router and the wireless stations. For 64-bit keys you must enter 10 hex digits into each key box. For 128-bit keys you must enter 26 hex digits into each key box. A hex digit is either a number from 0 to 9 or a letter from A to F. For the most secure use of WEP set the authentication type to "Shared Key" when WEP is enabled.

You may also enter any text string into a WEP key box, in which case it will be converted into a hexadecimal key using the ASCII values of the characters. A maximum of 5 text characters can be entered for 64-bit keys, and a maximum of 13 characters for 128-bit keys.

Authentication : [Open ▼]

WEP Encryption : [64Bit ▼]
                 [64Bit]
Default WEP Key : [128Bit ▼]

WEP Key : [   ] (5 ASCII or 10 HEX)

[Save Settings] [Don't Save Settings]

Helpful Hints...

• Changing your Wireless Network Name is the first step in securing your wireless network. We recommend that you change it to a familiar name that does not contain any personal information.

• Enable Auto Channel Selection let the router can select the best possible channel for your wireless network to operate on.

• Enabling **WMM** can help control latency and jitter when transmitting multimedia content over a wireless connection.

• Enabling Hidden Mode is another way to secure your network. With this option enabled, no wireless clients will be able to see your wireless network when they perform a scan to see what's available. In order for your wireless devices to connect to your router, you will need to manually enter the Wireless Network Name on each device.

• If you have enabled Wireless Security, make sure you write down the WEP Key or Passphrase that you have configured. You will need to enter this information on any wireless device that you connect to your wireless network.

Internet | Protected Mode: On   🔍 100%

http://192.168.0.1/bsc_wlan.php

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Product Page : DIR-412   Firmware Version : 1.08WW

D-Link

DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT

INTERNET

WIRELESS SETTINGS

NETWORK SETTINGS

MESSAGE SERVICE

WIRELESS NETWORK

Use this section to configure the wireless settings for your D-Link router. Please note that changes made in this section may also need to be duplicated on your wireless client.

To protect your privacy you can configure wireless security features. This device supports three wireless security modes including: WEP, WPA and WPA2.

[Save Settings] [Don't Save Settings]

WIRELESS NETWORK SETTINGS

Enable Wireless : ☑ [Always ▼] [New Schedule]

Wireless Network Name : [dlink] (Also called the SSID)

Enable Auto Channel Selection : ☐

Wireless Channel : [6 ▼]

Transmission Rate : [Best (automatic) ▼] (Mbit/s)

WMM Enable : ☑ (Wireless QoS)

Enable Hidden Wireless : ☐ (Also called the SSID Broadcast)

WIRELESS SECURITY MODE

Security Mode : [Enable WEP Wireless Security (basic) ▼]

WEP

WEP is the wireless encryption standard. To use it you must enter the same key(s) into the router and the wireless stations. For 64-bit keys you must enter 10 hex digits into each key box. For 128-bit keys you must enter 26 hex digits into each key box. A hex digit is either a number from 0 to 9 or a letter from A to F. For the most secure use of WEP set the authentication type to "Shared Key" when WEP is enabled.

You may also enter any text string into a WEP key box, in which case it will be converted into a hexadecimal key using the ASCII values of the characters. A maximum of 5 text characters can be entered for 64-bit keys, and a maximum of 13 characters for 128-bit keys.

Authentication : [Open ▼]

WEP Encryption : [64Bit ▼]

Default WEP Key : [WEP Key 1 ▼]

WEP Key : [ ] (5 ASCII or 10 HEX)

WEP Key 1
WEP Key 2
WEP Key 3
WEP Key 4

[Save Settings] [Don't Save Settings]

Helpful Hints...

• Changing your Wireless Network Name is the first step in securing your wireless network. We recommend that you change it to a familiar name that does not contain any personal information.

• Enable Auto Channel Selection let the router can select the best possible channel for your wireless network to operate on.

• Enabling **WMM** can help control latency and jitter when transmitting multimedia content over a wireless connection.

• Enabling Hidden Mode is another way to secure your network. With this option enabled, no wireless clients will be able to see your wireless network when they perform a scan to see what's available. In order for your wireless devices to connect to your router, you will need to manually enter the Wireless Network Name on each device.

• If you have enabled Wireless Security, make sure you write down the WEP Key or Passphrase that you have configured. You will need to enter this information on any wireless device that you connect to your wireless network.

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WIRELESS SETTINGS
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MESSAGE SERVICE

NETWORK SETTINGS

Use this section to configure the internal network settings of your router and also to configure the built-in DHCP server to assign IP addresses to computers on your network. The IP address that is configured here is the IP address that you use to access the Web-based management interface. If you change the IP address in this section, you may need to adjust your PC's network settings to access the network again.

Please note that this section is optional and you do not need to change any of the settings here to get your network up and running.

[Save Settings] [Don't Save Settings]

ROUTER SETTINGS

Use this section to configure the internal network settings of your router. The IP address that is configured here is the IP address that you use to access the Web-based management interface. If you change the IP address here, you may need to adjust your PC's network settings to access the network again.

Router IP Address : `192.168.0.1`
Default Subnet Mask : `255.255.255.0`
Host Name : `DIR-412`
Local Domain Name : `            ` (optional)
Enable DNS Relay : ☑

DHCP SERVER SETTINGS

Use this section to configure the built-in DHCP server to assign IP address to the computers on your network.

Enable DHCP Server : ☑
DHCP IP Address Range : `100` to `199` (addresses within the LAN subnet)
DHCP Lease Time : `1440` (minutes)

DHCP RESERVATIONS LIST

Host Name	IP Address	MAC Address	Expired Time

NUMBER OF DYNAMIC DHCP CLIENTS

Host Name	IP Address	MAC Address	Expired Time
Madusa	192.168.0.100	00:21:6a:67:0f:ec	23 Hours 57 Minutes

24 - DHCP RESERVATION

Remaining number of rules that can be created: 24

	Computer Name	IP Address	MAC Address		
☐				[<<]	Computer Name ▼
☐				[<<]	Computer Name ▼

🌐 Internet | Protected Mode: On   🔍 100% ▼

http://192.168.0.1/bsc_sms.php

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MESSAGE SERVICE

MESSAGE SERVICE

Message Service provides the useful tools for message management.

SMS INBOX

If you would like to view SMS message,click on the button below.

SMS Inbox

CREATE MESSAGE

If you would like to create and send SMS message,then click on the button below.

Create Message

SMS INFORMATION

Inbox total : 0

Inbox used : 0

Inbox free : 0

Helpful Hints...

• Message Service.

WIRELESS

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DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT

VIRTUAL SERVER	**VIRTUAL SERVER**
PORT FORWARDING	The Virtual Server option allows you to define a single public port on your router for redirection to an internal LAN IP Address and Private LAN port if required. This feature is useful for hosting online services such as FTP or Web Servers.
APPLICATION RULES	
QOS ENGINE	Save Settings Don't Save Settings
NETWORK FILTER	
WEBSITE FILTER	**24 - VIRTUAL SERVERS LIST**
FIREWALL SETTINGS	
ADVANCED WIRELESS	Remaining number of rules that can be created: 24
WI-FI PROTECTED SETUP	
ADVANCED NETWORK	

			Port	Traffic Type	Schedule
☐	Name	<< Application name	Public	Protocol All	Always
	IP Address	<< Computer Name	Private		
☐	Name	<< Application name	Public	Protocol All	Always
	IP Address	<< Computer Name	Private		
☐	Name	<< Application name	Public	Protocol All	Always
	IP Address	<< Computer Name	Private		
☐	Name	<< Application name	Public	Protocol All	Always
	IP Address	<< Computer Name	Private		
☐	Name	<< Application name	Public	Protocol All	Always
	IP Address	<< Computer Name	Private		
☐	Name	<< Application name	Public	Protocol All	Always
	IP Address	<< Computer Name	Private		
☐	Name	<< Application name	Public	Protocol All	Always

http://192.168.0.1/advanced.php   Internet | Protected Mode: On   100%

http://192.168.0.1/adv_pfwd.php

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VIRTUAL SERVER

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QOS ENGINE

NETWORK FILTER

WEBSITE FILTER

FIREWALL SETTINGS

ADVANCED WIRELESS

WI-FI PROTECTED SETUP

ADVANCED NETWORK

PORT FORWARDING

This option is used to open multiple ports or a range of ports in your router and redirect data through those ports to a single PC on your network. This feature allows you to enter ports in the format, Port Ranges (100-150). This option is only applicable to the INTERNET session.

[Save Settings] [Don't Save Settings]

24 -- PORT FORWARDING RULES

Remaining number of rules that can be created: 24

Ports to Open

Name		Public Port	Traffic Type
	[<<] Application Name	~	All
IP Address	[<<] Computer Name	Private Port ~	Schedule Always
Name	[<<] Application Name	Public Port ~	Traffic Type All
IP Address	[<<] Computer Name	Private Port ~	Schedule Always
Name	[<<] Application Name	Public Port ~	Traffic Type All
IP Address	[<<] Computer Name	Private Port ~	Schedule Always
Name	[<<] Application Name	Public Port ~	Traffic Type All
IP Address	[<<] Computer Name	Private Port ~	Schedule Always
Name	[<<] Application Name	Public Port ~	Traffic Type All
IP Address	[<<] Computer Name	Private Port ~	Schedule Always
Name	[<<] Application Name	Public Port ~	Traffic Type All
IP Address	[<<] Computer Name	Private Port ~	Schedule Always
Name	[<<] Application Name	Public Port ~	Traffic Type All

Helpful Hints...

• Check the **Application Name** drop-down menu for a list of pre-defined applications that you can select from. If you select one of the pre-defined applications, click the arrow button next to the drop-down menu to fill out the appropriate fields.

• You can select your computer from the list of DHCP clients in the **Computer Name** drop-down menu, or enter the IP address manually of the computer you would like to open the specified port to.

• Select a schedule for when the port forwarding will be enabled. If you do not see the schedule you need in the list of schedules, go to the Tools -> Schedules screen and create a new schedule.

http://192.168.0.1/adv_pfwd.php

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http://192.168.0.1/adv_app.php

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APPLICATION RULES

The Application Rules option is used to open single or multiple ports in your firewall when the router senses data sent to the Internet on an outgoing "Trigger" port or port range. Special Application rules apply to all computers on your internal network.

[Save Settings] [Don't Save Settings]

24 -- APPLICATION RULES

Remaining number of rules that can be created: 24

	Name	Application	Port	Traffic Type	Schedule
☐	Name	<< Application Name ▼	Trigger _____ Firewall _____	Protocol All ▼ Protocol All ▼	Schedule Always ▼
☐	Name	<< Application Name ▼	Trigger _____ Firewall _____	Protocol All ▼ Protocol All ▼	Schedule Always ▼
☐	Name	<< Application Name ▼	Trigger _____ Firewall _____	Protocol All ▼ Protocol All ▼	Schedule Always ▼
☐	Name	<< Application Name ▼	Trigger _____ Firewall _____	Protocol All ▼ Protocol All ▼	Schedule Always ▼
☐	Name	<< Application Name ▼	Trigger _____ Firewall _____	Protocol All ▼ Protocol All ▼	Schedule Always ▼
☐	Name	<< Application Name ▼	Trigger _____ Firewall _____	Protocol All ▼ Protocol All ▼	Schedule Always ▼

Helpful Hints...

• Use this feature if you are trying to execute one of the listed network applications and it is not communicating as expected.

• Use the **Application Name** drop-down menu to view a list of pre-defined applications that you can select from. If you select one of the pre-defined applications, click the arrow button next to the drop-down menu to fill out the appropriate fields.

http://192.168.0.1/adv_qos.php

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DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT

VIRTUAL SERVER	**QOS ENGINE**
PORT FORWARDING	Use this section to configure D-Link's Smart QoS. The QoS Engine improves your online gaming experience by ensuring that your game traffic is prioritized over other network traffic, such as FTP or Web.
APPLICATION RULES	
QOS ENGINE	[Save Settings] [Don't Save Settings]
NETWORK FILTER	
WEBSITE FILTER	**QOS ENGINE SETUP**
FIREWALL SETTINGS	
ADVANCED WIRELESS	**Enable QoS Engine :** ☐
WI-FI PROTECTED SETUP	**Automatic Uplink Speed :** ☐
ADVANCED NETWORK	**Measured Uplink Speed :**
	Manual Uplink Speed : [_____] kbps << [Select Transmission Rate ▾]
	Connection Type : [Auto-detect ▾]
	Detected xDSL or Other Frame : Relay Network

Helpful Hints...

• Some experimentation and performance measurement may be required to converge on the optimal value.

[Save Settings] [Don't Save Settings]

WIRELESS

Internet | Protected Mode: On   100%

Product Page : DIR-412   Firmware Version : 1.08WW

D-Link

DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT

VIRTUAL SERVER

PORT FORWARDING

APPLICATION RULES

QOS ENGINE

NETWORK FILTER

WEBSITE FILTER

FIREWALL SETTINGS

ADVANCED WIRELESS

WI-FI PROTECTED SETUP

ADVANCED NETWORK

QOS ENGINE

Use this section to configure D-Link's Smart QoS. The QoS Engine improves your online gaming experience by ensuring that your game traffic is prioritized over other network traffic, such as FTP or Web.

Save Settings   Don't Save Settings

QOS ENGINE SETUP

Enable QoS Engine : ☐

Automatic Uplink Speed : ☐

Measured Uplink Speed :

Manual Uplink Speed : [____] kbps << Select Transmission Rate ▾

Select Transmission Rate
128k
256k
384k
512k
1M
2M

Connection Type : Auto-detect

Detected xDSL or Other Frame : Relay Network

Save Settings   Don't Save Settings

Helpful Hints...

• Some experimentation and performance measurement may be required to converge on the optimal value.

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http://192.168.0.1/adv_qos.php

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DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT

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FIREWALL SETTINGS

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ADVANCED NETWORK

QOS ENGINE

Use this section to configure D-Link's Smart QoS. The QoS Engine improves your online gaming experience by ensuring that your game traffic is prioritized over other network traffic, such as FTP or Web.

[Save Settings] [Don't Save Settings]

QOS ENGINE SETUP

Enable QoS Engine : ☐

Automatic Uplink Speed : ☐

Measured Uplink Speed :

Manual Uplink Speed : _____ kbps << [Select Transmission Rate ▼]

Connection Type : [Auto-detect ▼]
 Auto-detect
 xDSL Or Other Frame Relay Network
 Cable Or Other Broadband Network

Detected xDSL or Other Frame :
Relay Network

[Save Settings] [Don't Save Settings]

Helpful Hints...

• Some experimentation and performance measurement may be required to converge on the optimal value.

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MAC ADDRESS FILTER

The MAC (Media Access Controller) Address filter option is used to control network access based on the MAC Address of the network adapter. A MAC address is a unique ID assigned by the manufacturer of the network adapter. This feature can be configured to ALLOW or DENY network/Internet access.

[Save Settings]   [Don't Save Settings]

24 -- MAC FILTERING RULES

Configure MAC Filtering below:

Turn MAC Filtering OFF
Turn MAC Filtering OFF
Turn MAC Filtering ON and ALLOW computers listed to access the network
Turn MAC Filtering ON and DENY computers listed to access the network

	MAC Address		DHCP Client List	Schedule	
☐		<<	Computer Name ▼	Always ▼	New Schedule
☐		<<	Computer Name ▼	Always ▼	New Schedule
☐		<<	Computer Name ▼	Always ▼	New Schedule
☐		<<	Computer Name ▼	Always ▼	New Schedule
☐		<<	Computer Name ▼	Always ▼	New Schedule
☐		<<	Computer Name ▼	Always ▼	New Schedule
☐		<<	Computer Name ▼	Always ▼	New Schedule
☐		<<	Computer Name ▼	Always ▼	New Schedule
☐		<<	Computer Name ▼	Always ▼	New Schedule
☐		<<	Computer Name ▼	Always ▼	New Schedule
☐		<<	Computer Name ▼	Always ▼	New Schedule
☐		<<	Computer Name ▼	Always ▼	New Schedule
☐		<<	Computer Name ▼	Always ▼	New Schedule
☐		<<	Computer Name ▼	Always ▼	New Schedule
☐		<<	Computer Name ▼	Always ▼	New Schedule
☐		<<	Computer Name ▼	Always ▼	New Schedule

Helpful Hints...

• Create a list of MAC addresses and choose whether to allow or deny them access to your network.

• Computers that have obtained an IP address from the router's DHCP server will be in the DHCP Client List. Select a device from the drop down menu and click the arrow to add that device's MAC to the list.

• Use the check box on the left to either enable or disable a particular entry.

• Use the **Always** drop down menu if you have previously defined a schedule in the router. If not, click on the **New Schedule** button to add one.

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WEBSITE FILTER

The Website Filter option allows you to set up a list of Web sites you would like to allow or deny through your network.

[Save Settings] [Don't Save Settings]

24 -- WEBSITE FILTERING RULES

Configure Website Filter below:

Turn OFF WEBSITE FILTERING ▼
Turn OFF WEBSITE FILTERING
ALLOW computers access to ONLY these sites
DENY computers access to ONLY these sites

...ed: 24

Website URL	Schedule
☐	Always ▼ [New Schedule]
☐	Always ▼ [New Schedule]
☐	Always ▼ [New Schedule]
☐	Always ▼ [New Schedule]
☐	Always ▼ [New Schedule]
☐	Always ▼ [New Schedule]
☐	Always ▼ [New Schedule]
☐	Always ▼ [New Schedule]
☐	Always ▼ [New Schedule]
☐	Always ▼ [New Schedule]
☐	Always ▼ [New Schedule]
☐	Always ▼ [New Schedule]
☐	Always ▼ [New Schedule]
☐	Always ▼ [New Schedule]
☐	Always ▼ [New Schedule]
☐	Always ▼ [New Schedule]
☐	Always ▼ [New Schedule]

Internet | Protected Mode: On   100%

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FIREWALL & DMZ SETTINGS

Firewall rules can be used to allow or deny traffic passing through the router. You can specify a single port by utilizing the input box at the top or a range of ports by utilizing both input boxes.

DMZ means "Demilitarized Zone". DMZ allows computers behind the router firewall to be accessible to Internet traffic. Typically, your DMZ would contain Web servers, FTP servers and others.

[Save Settings] [Don't Save Settings]

FIREWALL SETTINGS

Enable SPI : ☐

DMZ HOST

The DMZ (Demilitarized Zone) option lets you set a single computer on your network outside of the router. If you have a computer that cannot run Internet applications successfully from behind the router, then you can place the computer into the DMZ for unrestricted Internet access.

Note: Putting a computer in the DMZ may expose that computer to a variety of security risks. Use of this option is only recommended as a last resort.

Enable DMZ : ☐

DMZ IP Address : [_____] [<<]
[Computer Name ▼]

50 -- FIREWALL RULES

Remaining number of rules that can be created: 50

		Interface	IP Address		
☐	Name [____]	Source ▼	[_____]	Protocol All ▼	Always ▼ / New Schedule
	Action Allow ▼	Dest ▼	[_____]	Port Range [____]	
☐	Name [____]	Source ▼	[_____]	Protocol All ▼	Always ▼ / New Schedule
	Action Allow ▼	Dest ▼	[_____]	Port Range [____]	

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FIREWALL & DMZ SETTINGS

Firewall rules can be used to allow or deny traffic passing through the router. You can specify a single port by utilizing the input box at the top or a range of ports by utilizing both input boxes.

DMZ means "Demilitarized Zone". DMZ allows computers behind the router firewall to be accessible to Internet traffic. Typically, your DMZ would contain Web servers, FTP servers and others.

[Save Settings]   [Don't Save Settings]

FIREWALL SETTINGS

Enable SPI : ☐

DMZ HOST

The DMZ (Demilitarized Zone) option lets you set a single computer on your network outside of the router. If you have a computer that cannot run Internet applications successfully from behind the router, then you can place the computer into the DMZ for unrestricted Internet access.

Note: Putting a computer in the DMZ may expose that computer to a variety of security risks. Use of this option is only recommended as a last resort.

Enable DMZ : ☐

DMZ IP Address : [   ]   [<<]

[Computer Name ▼]

50 -- FIREWALL RULES

Remaining number of rules that can be created: 50

		Interface	IP Address		
☐	Name [ ]	Source ▼ Source LAN WAN WAN (3G)	[ ]	Protocol All ▼	Always ▼ New Schedule
	Action Allow ▼		[ ]	Port Range [ ]	
☐	Name [ ]	Source ▼	[ ]	Protocol All ▼	Always ▼ New Schedule
	Action Allow ▼	Dest ▼	[ ]	Port Range [ ]	

Internet | Protected Mode: On   100%

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ADVANCED WIRELESS SETTINGS

These options are for users that wish to change the behavior of their 802.11n wireless radio from the standard settings. We do not recommend changing these settings from the factory defaults. Incorrect settings may impact the performance of your wireless radio. The default settings should provide the best wireless radio performance in most environments.

[Save Settings] [Don't Save Settings]

ADVANCED WIRELESS SETTINGS

Transmit Power : 100%

Beacon interval : 100 (msec, range: 20~1000, default: 100)

RTS Threshold : 2346 (range: 256~2346, default: 2346)

Fragmentation : 2346 (range: 1500~2346, default: 2346, even number only)

DTIM interval : 1 (range: 1~255, default: 1)

Preamble Type : ○ Short Preamble ● Long Preamble

Wireless Mode : 802.11 Mixed(n/g/b)

Band Width : 20/40 MHz(Auto)

Short Guard Interval : ☑

[Save Settings] [Don't Save Settings]

Helpful Hints...

• It is recommended that you leave these parameters with their default values. Adjusting them could limit the performance of your wireless network.

• Use 802.11n only for countries where it is required.

WIRELESS

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ADVANCED WIRELESS SETTINGS

These options are for users that wish to change the behavior of their 802.11n wireless radio from the standard settings. We do not recommend changing these settings from the factory defaults. Incorrect settings may impact the performance of your wireless radio. The default settings should provide the best wireless radio performance in most environments.

[Save Settings] [Don't Save Settings]

ADVANCED WIRELESS SETTINGS

Transmit Power : [100%] [▼]
     100%
Beacon interval : 50% nsec, range: 20~1000, default: 100)
     25%
RTS Threshold : 12.5% ange: 256~2346, default: 2346)

Fragmentation : [2346] (range: 1500~2346, default: 2346, even number only)

DTIM interval : [1] (range: 1~255, default: 1)

Preamble Type : ○ Short Preamble   ● Long Preamble

Wireless Mode : [802.11 Mixed(n/g/b)] [▼]

Band Width : [20/40 MHz(Auto)] [▼]

Short Guard Interval : [✓]

[Save Settings] [Don't Save Settings]

Helpful Hints...

• It is recommended that you leave these parameters with their default values. Adjusting them could limit the performance of your wireless network.

• Use **802.11n** only for countries where it is required.

WIRELESS

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http://192.168.0.1/adv_wlan.php

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Product Page : DIR-412   Firmware Version : 1.08WW

D-Link

DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT

VIRTUAL SERVER	**ADVANCED WIRELESS SETTINGS**	**Helpful Hints...**

PORT FORWARDING

APPLICATION RULES

QOS ENGINE

NETWORK FILTER

WEBSITE FILTER

FIREWALL SETTINGS

ADVANCED WIRELESS

WI-FI PROTECTED SETUP

ADVANCED NETWORK

These options are for users that wish to change the behavior of their 802.11n wireless radio from the standard settings. We do not recommend changing these settings from the factory defaults. Incorrect settings may impact the performance of your wireless radio. The default settings should provide the best wireless radio performance in most environments.

[Save Settings]   [Don't Save Settings]

ADVANCED WIRELESS SETTINGS

Transmit Power : 100%

Beacon interval : 100   (msec, range: 20~1000, default: 100)

RTS Threshold : 2346   (range: 256~2346, default: 2346)

Fragmentation : 2346   (range: 1500~2346, default: 2346, even number only)

DTIM interval : 1   (range: 1~255, default: 1)

Preamble Type : ◯ Short Preamble ◉ Long Preamble

Wireless Mode : 802.11 Mixed(n/g/b)
  802.11n only
  802.11 Mixed(g/b)
  802.11 Mixed(n/g/b)

Band Width :

Short Guard Interval : ☑

[Save Settings]   [Don't Save Settings]

• It is recommended that you leave these parameters with their default values. Adjusting them could limit the performance of your wireless network.

• Use **802.11n** only for countries where it is required.

WIRELESS

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Internet | Protected Mode: On   100%

http://192.168.0.1/adv_wlan.php

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- VIRTUAL SERVER
- PORT FORWARDING
- APPLICATION RULES
- QOS ENGINE
- NETWORK FILTER
- WEBSITE FILTER
- FIREWALL SETTINGS
- ADVANCED WIRELESS
- WI-FI PROTECTED SETUP
- ADVANCED NETWORK

ADVANCED WIRELESS SETTINGS

These options are for users that wish to change the behavior of their 802.11n wireless radio from the standard settings. We do not recommend changing these settings from the factory defaults. Incorrect settings may impact the performance of your wireless radio. The default settings should provide the best wireless radio performance in most environments.

[Save Settings] [Don't Save Settings]

ADVANCED WIRELESS SETTINGS

Transmit Power : 100% ▾

Beacon interval : 100   (msec, range: 20~1000, default: 100)

RTS Threshold : 2346   (range: 256~2346, default: 2346)

Fragmentation : 2346   (range: 1500~2346, default: 2346, even number only)

DTIM interval : 1   (range: 1~255, default: 1)

Preamble Type : ○ Short Preamble   ● Long Preamble

Wireless Mode : 802.11 Mixed(n/g/b) ▾

Band Width : 20/40 MHz(Auto) ▾

Short Guard Interval :
20 MHz
20/40 MHz(Auto)

[Save Settings] [Don't Save Settings]

Helpful Hints...

- It is recommended that you leave these parameters with their default values. Adjusting them could limit the performance of your wireless network.

- Use 802.11n only for countries where it is required.

WIRELESS

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Internet | Protected Mode: On   100%

http://192.168.0.1/adv_wps.php

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WI-FI PROTECTED SETUP

ADVANCED NETWORK

WI-FI PROTECTED SETUP

Wi-Fi Protected Setup is used to easily add devices to a network using a PIN or button press. Devices must support Wi-Fi Protected Setup in order to be configured by this method.

If the PIN changes, the new PIN will be used in following Wi-Fi Protected Setup process. Clicking on "Don't Save Settings" button will not reset the PIN.

However, if the new PIN is not saved, it will get lost when the device reboots or loses power.

[Save Settings] [Don't Save Settings]

WI-FI PROTECTED SETUP

Enable : ☐

[Reset to Unconfigured]

PIN SETTINGS

PIN : 81826605

[Reset PIN to Default] [Generate New PIN]

ADD WIRELESS STATION

[Connect your Wireless Device]

[Save Settings] [Don't Save Settings]

Helpful Hints...

• **Enable** if other wireless devices you wish to include in the local network support Wi-Fi Protected Setup.

• Only "Admin" account can change security settings.

• Click **Connect your Wireless Device** to use Wi-Fi Protected Setup to add wireless devices to the wireless network.

WIRELESS

Internet | Protected Mode: On   100%

Product Page : DIR-412   Firmware Version : 1.08WW

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| DIR-412 | SETUP | ADVANCED | TOOLS | STATUS | SUPPORT |

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ADVANCED NETWORK SETTINGS

These options are for users that wish to change the LAN settings. We do not recommend changing these settings from factory default. Changing these settings may affect the behavior of your network.

Save Settings   Don't Save Settings

UPNP

Universal Plug and Play(UPnP) supports peer-to-peer Plug and Play functionality for network devices.

Enable UPnP : ☑

WAN PING

If you enable this feature, the WAN port of your router will respond to ping requests from the Internet that are sent to the WAN IP Address.

Enable WAN Ping Response : ☐

WAN PORT SPEED

WAN Port Speed : Auto 10/100Mbps ▼
                   10Mbps
                   100Mbps
                   Auto 10/100Mbps

MULTICAST STREAMS

Enable Multicast Streams : ☐

Wireless Enhance Mode : ☐

Save Settings   Don't Save Settings

Helpful Hints...

• For added security, it is recommended that you disable the **WAN Ping Response** option. Ping is often used by malicious Internet users to locate active networks or PCs.

• The WAN speed is usually detected automatically. If you are having problems connecting to the WAN, try selecting the speed manually.

• If you are having trouble receiving video on demand type of service from the Internet, make sure the Multicast Stream option is enabled.

WIRELESS

http://192.168.0.1/tools.php

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ADMINISTRATOR SETTINGS

The 'admin' account can access the management interface. The admin has read/write access and can change password.

By default there is no password configured. It is highly recommended that you create a password to keep your router secure.

Save Settings   Don't Save Settings

ADMIN PASSWORD

Please enter the same password into both boxes, for confirmation.

Password :

Verify Password :

ADMINISTRATION

Enable Graphical : ☐
Authentication

Enable Remote Management : ☐

Remote Admin Port :

Save Settings   Don't Save Settings

Helpful Hints...

• For security reasons, it is recommended that you change the password for the Admin account. Be sure to write down the new password to avoid having to reset the router in case they are forgotten.

WIRELESS

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Internet | Protected Mode: On   🔍 100%

D-LINK SYSTEMS, INC. | WIRELESS ROUTER | HOME - Windows Internet Explorer

http://192.168.0.1/tools_time.php

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TIME AND DATE

The Time and Date Configuration option allows you to configure, update, and maintain the correct time on the internal system clock. From this section you can set the time zone you are in and set the NTP (Network Time Protocol) Server. Daylight Saving can also be configured to adjust the time when needed.

[Save Settings] [Don't Save Settings]

TIME AND DATE CONFIGURATION

Time : 2000/01/01 00:10:10

Time Zone : (GMT+08:00) Beijing, Chongqing, Hong Kong, Urumqi

Enable Daylight Saving : ☐ [Sync. your computer's time settings]

AUTOMATIC TIME AND DATE CONFIGURATION

☐ Automatically synchronize with D-Link's Internet time server

NTP Server Used : Select NTP Server [Update Now]

SET THE TIME AND DATE MANUALLY

| Year | 2010 | Month | Nov | Day | 3 |
| Hour | 11 | Minute | 4 | Second | 40 |

[Save Settings] [Don't Save Settings]

WIRELESS

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Helpful Hints...

• Either enter the time manually by clicking the **Sync. Your Computers Time Settings** button, or use the **Automatic Time Configuration** option to have your router synchronize with a time server on the Internet.

http://www.dlink.com.tw/   Internet | Protected Mode: On   100%

http://192.168.0.1/tools_email.php

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Product Page : DIR-412   Firmware Version : 1.08WW

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DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT

ADMIN	**EMAIL SETTINGS**
TIME	The Email feature can be used to send the system log files, router alert messages.
EMAIL SETTINGS	Save Settings Don't Save Settings
SYSTEM	
FIRMWARE	**EMAIL SETTINGS**
DYNAMIC DNS	
SYSTEM CHECK	From Email Address : [ ]
SCHEDULES	To Email Address : [ ]
	Email Subject : [ ]
	SMTP Server Address : [ ]
	Account Name : [ ]
	Password : [ ]
	Verify Password : [ ] Send Mail Now
	Save Settings Don't Save Settings

Helpful Hints...

• You may want to make the email settings similar to those of your email client program.

WIRELESS

Internet | Protected Mode: On   100%

http://192.168.0.1/tools_system.php

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DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT

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SAVE AND RESTORE SETTINGS

Once the router is configured you can save the configuration settings to a configuration file on your hard drive. You also have the option to load configuration settings, or restore the factory default settings.

SAVE AND RESTORE SETTINGS

Save Settings To Local Hard Drive :   [Save]

Load Settings From Local Hard Drive :   [   ] [Browse...]

[Upload Settings]

Restore To Factory Default Settings :   [Restore Device]

Reboot The Device :   [Reboot the Device]

Clear Language Pack :   [Clear]

Helpful Hints...

• Once your router is configured the way you want it, you can save these settings to a configuration file that can later be loaded in the event that the router's default settings are restored. To do this, click the **Save** button next to where it says Save Settings to Local Hard Drive.

WIRELESS

http://192.168.0.1/tools_system.php

Internet | Protected Mode: On   100%

http://192.168.0.1/tools_firmware.php

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Product Page : DIR-412   Firmware Version : 1.08WW

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DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT

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FIRMWARE UPDATE

There may be new firmware for your router to improve functionality and performance.
Click here to check for an upgrade on our support site.

To upgrade the firmware, locate the upgrade file on the local hard drive with the Browse button. Once you have found the file to be used, click the Upload button to start the firmware upgrade.

The language pack allows you to change the language of the user interface on the router. We suggest that you upgrade your current language pack if you upgrade the firmware. This ensures that any changes in the firmware are displayed correctly.

To upgrade the language pack, locate the upgrade file on the local hard drive with the Browse button. Once you have found the file to be used, click the Upload button to start the language pack upgrade.

FIRMWARE INFORMATION

Current Firmware Version : 1.08WW

Current Firmware Date : Thu 19 Aug 2010

Check Online Now for Latest : [Check Now]
Firmware Version

FIRMWARE UPGRADE

Note: Some firmware upgrades reset the configuration options to the factory defaults. Before performing an upgrade, be sure to save the current configuration.

To upgrade the firmware, your PC must have a wired connection to the router. Enter the name of the firmware upgrade file, and click on the Upload button.

Upload : [   ] [Browse...]
          [Upload]

LANGUAGE PACK UPGRADE

Upload : [   ] [Browse...]
          [Upload]

WIRELESS

Helpful Hints...

• **Firmware Update** are released periodically to improve the functionality of your router and also to add features. If you run into a problem with a specific feature of the router, check our support site by clicking on the **Check Now** and see if an updated version of firmware is available for your router.

Internet | Protected Mode: On   100%

http://192.168.0.1/tools_ddns.php

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DYNAMIC DNS

The Dynamic DNS feature allows you to host a server (Web, FTP, Game Server, etc...) using a domain name that you have purchased (www.whateveryournameis.com) with your dynamically assigned IP address. Most broadband Internet Service Providers assign dynamic (changing) IP addresses. Using a DDNS service provider, your friends can enter your host name to connect to your game server no matter what your IP address is.

Sign up for D-Link's Free DDNS service at www.DLinkDDNS.com.

[Save Settings] [Don't Save Settings]

DYNAMIC DNS SETTINGS

Enable DDNS : ☐

Server Address : [▼]

dlinkddns.com(Free)
DynDns.org(Custom)
DynDns.org(Free)
DynDns.org(Static)

Host Name : [   ]

User Account : [   ]

Password : [   ]

[DDNS Account Testing]

[Save Settings] [Don't Save Settings]

WIRELESS

Helpful Hints...

• To use this feature, you must first have a Dynamic DNS account from one of the providers in the drop down menu.

Internet | Protected Mode: On   100%

http://192.168.0.1/tools_check.php

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Product Page : DIR-412

Firmware Version : 1.08WW

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DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT

ADMIN	**PING TEST**	**Helpful Hints...**
TIME	Ping Test sends "ping" packets to test a computer on the Internet.	• "Ping" checks whether a computer on the Internet is running and responding. Enter either the IP address of the target computer or enter its fully qualified domain name.
EMAIL SETTINGS		
SYSTEM	**PING TEST**	
FIRMWARE		
DYNAMIC DNS	Host Name or IP Address : [_____] [Ping]	
SYSTEM CHECK	**PING RESULT**	
SCHEDULES		
	Enter a host name or IP address above and click 'Ping'	

WIRELESS

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Internet | Protected Mode: On   🔍 100%

Product Page : DIR-412   Firmware Version : 1.08WW

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SCHEDULES

The Schedule configuration option is used to manage schedule rules for "WAN", "Wireless", "Virtual Server", "Port Forwarding", "Applications", "Network Filter", "Website Filter" and "Firewall".

10 -- ADD SCHEDULE RULE

Name : [_____]

Day(s) : ○ All Week ● Select Day(s)
☐ Sun ☐ Mon ☐ Tue ☐ Wed ☐ Thu ☐ Fri ☐ Sat

All Day - 24 hrs : ☐

Start Time : [0] : [0] [AM ▼] (hour:minute, 12 hour time)
End Time : [11] : [59] [PM ▼] (hour:minute, 12 hour time)

[Add] [Cancel]

SCHEDULE RULES LIST

Name	Day(s)	Time Frame		

Helpful Hints...

• Schedules are used with a number of other features to define when those features are in effect.

• Give each schedule a name that is meaningful to you. For example, a schedule for Monday through Friday from 3:00pm to 9:00pm, might be called "After School".

WIRELESS

http://192.168.0.1/status.php

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Product Page : DIR-412   Firmware Version : 1.08WW

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DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT

DEVICE INFO

LOGS

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INTERNET SESSIONS

INTERNET USAGE METER

WIRELESS

DEVICE INFORMATION

All of your Internet and network connection details are displayed on this page. The firmware version is also displayed here.

GENERAL

Time : 2000/01/01 00:11:25

Firmware Version : 1.08WW Thu 19 Aug 2010

WAN

Connection Type : DHCP Client

Cable Status : Disconnected

WAN Failover Status : Standby

Network Status : Disconnected

[Renew] [Release]

Connection Up Time : 0 Day 0 Hour 0 Min 0 Sec

MAC Address : 00:26:5a:9a:3f:8d

IP Address : 0.0.0.0

Subnet Mask : 0.0.0.0

Default Gateway : 0.0.0.0

Primary DNS Server : 0.0.0.0

Secondary DNS Server : 0.0.0.0

3G WAN

PIN Code Status :

3G WAN Failover Status : Active

Network Status : Disconnected

Connection Up Time : 0 Day 0 Hour 0 Min 0 Sec

Local address : 0.0.0.0

Subnet Mask : 0.0.0.0

Peer address : 0.0.0.0

Primary DNS Server : 0.0.0.0

Secondary DNS Server : 0.0.0.0

Helpful Hints...

• All of your LAN, Internet and WIRELESS 802.11 N connection details are displayed here.

Internet | Protected Mode: On   100%

Connection Up Time : 0 Day 0 Hour 0 Min 0 Sec

MAC Address : 00:26:5a:9a:3f:8d

IP Address : 0.0.0.0

Subnet Mask : 0.0.0.0

Default Gateway : 0.0.0.0

Primary DNS Server : 0.0.0.0

Secondary DNS Server : 0.0.0.0

3G WAN

PIN Code Status :

3G WAN Failover Status : Active

Network Status : Disconnected

Connection Up Time : 0 Day 0 Hour 0 Min 0 Sec

Local address : 0.0.0.0

Subnet Mask : 0.0.0.0

Peer address : 0.0.0.0

Primary DNS Server : 0.0.0.0

Secondary DNS Server : 0.0.0.0

LAN

MAC Address : 00:26:5a:9a:3f:8c

IP Address : 192.168.0.1

Subnet Mask : 255.255.255.0

DHCP Server : Enabled

WIRELESS LAN

Wireless Radio : Enabled

MAC Address : 00:26:5a:9a:3f:8c

802.11 Mode : Mixed 802.11n, 802.11g and 802.11b

Channel Width : 20/40MHz

Channel : 6

Network Name (SSID) : dlink

Wi-Fi Protected Setup : Disabled

Security : WPA/WPA2-PSK

WIRELESS

Internet | Protected Mode: On   100%

Product Page : DIR-412   Firmware Version : 1.08WW

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WIRELESS

VIEW LOG

The View Log displays the activities occurring on the DIR-412.

[Save Settings]   [Don't Save Settings]

SAVE LOG FILE

Save Log File To Local Hard Drive.   [Save]

LOG TYPE & LEVEL

Log Type: ● System   ○ Firewall & Security   ○ Router Status

Log Level: ○ Critical   ○ Warning   ● Information

LOG FILES

[First Page] [Last Page] [Previous] [Next] [Clear] [Link To Email Log Settings]

Page 1 of 4

Time	Message
Sat Jan 1 00:10:29 2000	DHCP: Client send DISCOVER.
Sat Jan 1 00:09:57 2000	DHCP: Client send DISCOVER.
Sat Jan 1 00:09:41 2000	DHCP: Client send DISCOVER.
Sat Jan 1 00:09:33 2000	DHCP: Client send DISCOVER.
Sat Jan 1 00:09:29 2000	DHCP: Client send DISCOVER.
Sat Jan 1 00:07:25 2000	DHCP: Client send DISCOVER.
Sat Jan 1 00:06:53 2000	DHCP: Client send DISCOVER.
Sat Jan 1 00:06:37 2000	DHCP: Client send DISCOVER.
Sat Jan 1 00:06:29 2000	DHCP: Client send DISCOVER.

Helpful Hints...

• Click on the Save button to save log file to local hard drive which can later send to the network administrator for troubleshooting. You can also select what type of event you would like to be logged from Log Type & Level.

• Check the log frequently to detect unauthorized network usage.

http://192.168.0.1/st_stats.php

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WIRELESS

TRAFFIC STATISTICS

Traffic Statistics displays Receive and Transmit packets passing through the device.

TRAFFIC STATISTICS

[Refresh] [Reset]

	Receive	Transmit
Internet	0 Packets	20 Packets
LAN	761 Packets	1107 Packets
WIRELESS 11n	57625 Packets	1576 Packets

Helpful Hints...

• This is a summary displaying the number of packets that have passed between the Internet and the LAN since the router was last initialized.

WIRELESS

Done   Internet | Protected Mode: On   🔍 100%

http://192.168.0.1/st_session.php

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WIRELESS

INTERNET SESSIONS

This page displays Source and Destination sessions passing through the device.

[Refresh]

NAPT SESSIONS

TCP Sessions : 2

UDP Sessions : 0

Total : 2

NAPT ACTIVE SESSIONS

IP Address	TCP Sessions	UDP Sessions
192.168.0.100	2	0

Helpful Hints...

• An Active session is a conversation between a program or application on a LAN-side computer and a program or application on a WAN-side computer.

WIRELESS

Done   Internet | Protected Mode: On   100%

NOTE: THIS FUNCTION IS NOT SUPPORTED.

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DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT

DEVICE INFO	**CONNECTED WIRELESS CLIENT LIST**
LOGS	View the wireless clients that are connected to the router. (A client might linger in the list for a few minutes after an unexpected disconnect.)
STATISTICS	
INTERNET SESSIONS	**NUMBER OF WIRELESS CLIENTS: 1**
INTERNET USAGE METER	
WIRELESS	

SSID	MAC Address	IP Address	Mode	Rate (Mbps)
dlink	00:21:6A:67:0F:EC	192.168.0.100	11n	135.0

Helpful Hints...

• This is a list of all wireless clients that are currently connected to your wireless router.

WIRELESS

D-Link

| DIR-412 | SETUP | ADVANCED | TOOLS | STATUS | SUPPORT |

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SETUP
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SUPPORT MENU

- Setup
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SETUP HELP

- Internet
- Wireless Settings
- Network Settings
- Message Service

ADVANCED HELP

- Virtual Server
- Port Forwarding
- Application Rules
- QoS Engine
- Network Filter
- Website Filter
- Firewall Settings
- Advanced Wireless
- Wi-Fi Protected Setup
- Advanced Network

TOOLS HELP

- Device Administration
- Time
- Email Settings
- System
- Firmware
- Dynamic DNS
- System Check
- Schedules

STATUS HELP

- Device Info
- Logs
- Statistics
- Internet Sessions
- Wireless

WIRELESS