

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

http://192.168.0.1/bsc_wan.php

Product Page : DIR-412 Firmware Version : 1.08WW

D-Link®

LOGIN

Login to the router :

User Name :

Password :

WIRELESS

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Internet | Protected Mode: On 100%

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INTERNET

WIRELESS SETTINGS

NETWORK SETTINGS

MESSAGE SERVICE

WAN

Use this section to configure your Internet Connection type.

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 :

Reconnect Mode : Always-on Connect-on demand Manual

Maximum Idle Time : 5 (minutes, 0=infinite)

MTU : 1500

Helpful Hints...

- 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.

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INTERNET

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MESSAGE SERVICE

WAN

Use this section to configure your Internet Connection type.

3G INTERNET CONNECTION

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

Auto Config : Enable

Country : Australia

ISP : select ISP

User Name : 3 AU (optional)

Password : AAPT (optional)

Dial Number : Bigpond (optional)

API : Hutchison 3G (optional)

Authentication Protocol : Iprimus (optional)

SIM Card PIN Code : Virgin Mobile (optional)

PIN Code Status : Vodafone (optional)

Reconnect Mode : Always-on Connect-on demand Manual

Maximum Idle Time : 5 (minutes, 0=infinite)

MTU : 1500

Helpful Hints...

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INTERNET

WIRELESS SETTINGS

NETWORK SETTINGS

MESSAGE SERVICE

WAN

Use this section to configure your Internet Connection type.

[Save Settings](#) [Don't Save Settings](#)

3G INTERNET CONNECTION

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

Auto Config : Enable

Country : Australia

ISP : select ISP

User Name : (optional)

Password : (optional)

Dial Number :

API : (optional)

Authentication Protocol : Auto (PAP+CHAP)

SIM Card PIN Code : (optional)

PIN Code Status : PAP only

Reconnect Mode : Always-on Connect-on demand Manual

Maximum Idle Time : 5 (minutes, 0=infinite)

MTU : 1500

[Save Settings](#) [Don't Save Settings](#)

Helpful Hints...

- 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.

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DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
INTERNET WIRELESS SETTINGS NETWORK SETTINGS MESSAGE SERVICE	<h3>WIRELESS SETTINGS</h3> <p>The following Web-based wizards are designed to assist you in your wireless network setup and wireless device connection.</p> <p>Before launching these wizards, please make sure you have followed all steps outlined in the Quick Installation Guide included in the package.</p> <h4>WIRELESS NETWORK SETUP WIZARD</h4> <p>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.</p> <p style="text-align: center;">Wireless Connection Setup Wizard</p> <p>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.</p> <h4>ADD WIRELESS DEVICE WITH WPS (WI-FI PROTECTED SETUP) WIZARD</h4> <p>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.</p> <p style="text-align: center;">Add Wireless Device with WPS</p> <h4>MANUAL WIRELESS NETWORK SETUP</h4> <p>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.</p> <p style="text-align: center;">Manual Wireless Connection Setup</p>				<h4>Helpful Hints...</h4> <ul style="list-style-type: none"> • 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.

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

WIRELESS CONNECTION SETUP WIZARD

The screenshot shows a web browser window displaying the D-Link wireless security setup wizard. The browser's address bar shows the URL `http://192.168.0.1/wiz_wlan.php`. The page header includes "Product Page : DIR-412" and "Firmware Version : 1.08WW". The D-Link logo is prominently displayed at the top. The main content area is titled "STEP 1: WELCOME TO THE D-LINK WIRELESS SECURITY SETUP WIZARD" and contains the following text:

Give your network a name, using up to 32 characters.

Wireless Network Name (SSID) :

Automatically assign a network key (Recommended)
To prevent outsiders from accessing your network, the router will automatically assign a security to your network.

Manually assign a network key
Use this options if you prefer to create our own key.

Note: All D-Link wireless adapters currently support WPA.

At the bottom of the form are four buttons: "Prev", "Next", "Cancel", and "Save".

The footer of the page includes the word "WIRELESS" in a dark bar and the copyright notice "Copyright © 2008-2010 D-Link Systems, Inc." The browser's status bar at the bottom shows "Done", "Internet | Protected Mode: On", and a zoom level of "100%".

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http://192.168.0.1/wiz_wlan.php

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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 : b8c2f0dfe60c51f2a529fc7c312a2501620e8e90e8411c531b76d33bb508cfa3

Prev Next Cancel Save

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Done Internet | Protected Mode: On 100%

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SAVING

The settings are being saved and are taking effect.

Please wait ...

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Waiting for http://192.168.0.1/bsc_wlan_main.php.. Internet | Protected Mode: On 100%

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STEP 1: WELCOME TO THE D-LINK WIRELESS SECURITY SETUP WIZARD

Give your network a name, using up to 32 characters.

Wireless Network Name (SSID) :

- Automatically assign a network key (Recommended)
To prevent outsiders from accessing your network, the router will automatically assign a security to your network.
- Manually assign a network key
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Note: All D-Link wireless adapters currently support WPA.

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STEP 2: SET YOUR WIRELESS SECURITY PASSWORD

You have selected your security level - you will need to set a wireless security password.

The WPA (Wi-Fi Protected Access) key must meet one of following guidelines:

- Between 8 and 63 characters (A longer WPA key is more secure than a short one)
- Exactly 64 characters using 0-9 and A-F

Wireless Security Password :

Note: You will need to enter the same password as keys in this step into your wireless clients in order to enable proper wireless communication.

Prev Next Cancel Save

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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 : testing1

Prev Next Cancel Save

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SAVING

The settings are being saved and are taking effect.

Please wait ...

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ADD WIRELESS DEVICE WITH WPS

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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 Connect

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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

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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

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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: clint412
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 : (Also called the SSID)

Enable Auto Channel Selection :

Wireless Channel :

Transmission Rate : (Mbit/s)

WMM Enable : (Wireless QoS)

Enable Hidden Wireless : (Also called the SSID Broadcast)

WIRELESS SECURITY MODE

Security Mode :

WPA/WPA2

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

Cipher Type :

PSK / EAP :

Network Key : (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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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 : dlink412 (Also called the SSID)

Enable Auto Channel Selection :

Wireless Channel : 6

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.

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DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
INTERNET WIRELESS SETTINGS NETWORK SETTINGS MESSAGE SERVICE	<h2>WIRELESS NETWORK</h2> <p>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.</p> <p>To protect your privacy you can configure wireless security features. This device supports three wireless security modes including: WEP, WPA and WPA2.</p> <p>Save Settings Don't Save Settings</p> <hr/> <h3>WIRELESS NETWORK SETTINGS</h3> <p>Enable Wireless : <input checked="" type="checkbox"/> Always <input type="checkbox"/> New Schedule</p> <p>Wireless Network Name : dlink412 (Also called the SSID)</p> <p>Enable Auto Channel Selection : <input type="checkbox"/></p> <p>Wireless Channel : 6</p> <p>Transmission Rate : Best (automatic) (Mbit/s)</p> <p>WMM Enable : <input checked="" type="checkbox"/> (Wireless QoS)</p> <p>Enable Hidden Wireless : <input type="checkbox"/> (Also called the SSID Broadcast)</p> <hr/> <h3>WIRELESS SECURITY MODE</h3> <p>Security Mode : Enable WPA/WPA2 Wireless Security (enhanced) Disable Wireless Security (not recommended) Enable WEP Wireless Security (basic)</p> <hr/> <h3>WPA/WPA2</h3> <p>WPA/WPA2 requires stations to use high grade encryption and authentication.</p> <p>Cipher Type : AUTO(TKIP/AES)</p> <p>PSK / EAP : PSK</p> <p>Network Key : testing1 (8~63 ASCII or 64 HEX)</p> <p>Save Settings Don't Save Settings</p>				<h3>Helpful Hints...</h3> <ul style="list-style-type: none"> 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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To protect your privacy you can configure wireless security features. This device supports three wireless security modes including: WEP, WPA and WPA2.

WIRELESS NETWORK SETTINGS

Enable Wireless : Always

Wireless Network Name : dint412 (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)

Helpful Hints...

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WEP Encryption : 64Bit

Default WEP Key : 64Bit

WEP Key : (5 ASCII or 10 HEX)

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WEP Encryption : 64Bit

Default WEP Key : WEP Key 1

WEP Key : WEP Key 1 (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.

Done Internet | Protected Mode: On 100%

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

http://192.168.0.1/bsc_lan.php

NETWORK SETTINGS
 MESSAGE SERVICE

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.

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 :
Default Subnet Mask :
Host Name :
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 : to (addresses within the LAN subnet)
DHCP Lease Time : (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	00:26:b9:0c:ee:31	23 Hours 38 Minutes

24 - DHCP RESERVATION

Remaining number of rules that can be created: 24

Computer Name	IP Address	MAC Address	
<input type="checkbox"/> <input type="text"/>	<input type="text"/>	<input type="text"/>	<< Computer Name ▾
<input type="checkbox"/> <input type="text"/>	<input type="text"/>	<input type="text"/>	<< Computer Name ▾
<input type="checkbox"/> <input type="text"/>	<input type="text"/>	<input type="text"/>	<< Computer Name ▾

Internet | Protected Mode: On | 100%

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http://192.168.0.1/bsc_sms.php

Product Page : DIR-412 Firmware Version : 1.08WW

D-Link

DIR-412 //	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
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INTERNET	MESSAGE SERVICE	Helpful Hints... <ul style="list-style-type: none">• Message Service.
WIRELESS SETTINGS	Message Service provides the useful tools for message management.	
NETWORK SETTINGS	SMS INBOX	
MESSAGE SERVICE	If you would like to view SMS message,click on the button below. <input type="button" value="SMS Inbox"/>	

CREATE MESSAGE
If you would like to create and send SMS message,then click on the button below. <input type="button" value="Create Message"/>

SMS INFORMATION
Inbox total : 0 Inbox used : 0 Inbox free : 0

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Internet | Protected Mode: On 100%

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 http://192.168.0.1/advanced.php

Product Page : DIR-412 Firmware Version : 1.08WW

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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

VIRTUAL SERVER

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.

Save Settings Don't Save Settings

24 - VIRTUAL SERVERS LIST

Remaining number of rules that can be created: 24

	Name	Application name	Port	Traffic Type	Schedule
<input type="checkbox"/>	<input type="text"/>	Application name	Public	Protocol All	Always
	IP Address	Computer Name	Private		
<input type="checkbox"/>	<input type="text"/>	Application name	Public	Protocol All	Always
	IP Address	Computer Name	Private		
<input type="checkbox"/>	<input type="text"/>	Application name	Public	Protocol All	Always
	IP Address	Computer Name	Private		
<input type="checkbox"/>	<input type="text"/>	Application name	Public	Protocol All	Always
	IP Address	Computer Name	Private		
<input type="checkbox"/>	<input type="text"/>	Application name	Public	Protocol All	Always
	IP Address	Computer Name	Private		
<input type="checkbox"/>	<input type="text"/>	Application name	Public	Protocol All	Always
	IP Address	Computer Name	Private		
<input type="checkbox"/>	<input type="text"/>	Application name	Public	Protocol All	Always
	IP Address	Computer Name	Private		
<input type="checkbox"/>	<input type="text"/>	Application name	Public	Protocol All	Always
	IP Address	Computer Name	Private		

Helpful Hints...

- Check the **Application Name** drop down menu for a list of predefined server types. If you select one of the predefined server types, click the arrow button next to the drop down menu to fill out the corresponding field.
- You can select a computer from the list of DHCP clients in the **Computer Name** drop down menu, or you can manually enter the IP address of the computer at which you would like to open the specified port.
- Select a schedule for when the virtual server 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.

Internet | Protected Mode: On 100%

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 http://192.168.0.1/adv_pfwd.php

Product Page : DIR-412 Firmware Version : 1.08WW

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DIR-412 // SETUP ADVANCED TOOLS STATUS SUPPORT

VIRTUAL SERVER
PORT FORWARDING
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 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

	Name	Application Name	Ports to Open	Traffic Type
<input type="checkbox"/>	<input type="text"/>	<< Application Name	Public Port ~	All
	IP Address	<< Computer Name	Private Port ~	Schedule Always
<input type="checkbox"/>	<input type="text"/>	<< Application Name	Public Port ~	All
	IP Address	<< Computer Name	Private Port ~	Schedule Always
<input type="checkbox"/>	<input type="text"/>	<< Application Name	Public Port ~	All
	IP Address	<< Computer Name	Private Port ~	Schedule Always
<input type="checkbox"/>	<input type="text"/>	<< Application Name	Public Port ~	All
	IP Address	<< Computer Name	Private Port ~	Schedule Always
<input type="checkbox"/>	<input type="text"/>	<< Application Name	Public Port ~	All
	IP Address	<< Computer Name	Private Port ~	Schedule Always
<input type="checkbox"/>	<input type="text"/>	<< Application Name	Public Port ~	All
	IP Address	<< Computer Name	Private Port ~	Schedule Always
<input type="checkbox"/>	<input type="text"/>	<< Application Name	Public Port ~	All
	IP Address	<< Computer Name	Private Port ~	Schedule Always

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.

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 http://192.168.0.1/adv_app.php

Product Page : DIR-412 Firmware Version : 1.08WW

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DIR-412 // SETUP ADVANCED TOOLS STATUS SUPPORT

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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
<input type="checkbox"/>	<input type="text"/>	<< Application Name >>	Trigger <input type="text"/> Firewall <input type="text"/>	Protocol All Firewall All	Schedule Always
<input type="checkbox"/>	<input type="text"/>	<< Application Name >>	Trigger <input type="text"/> Firewall <input type="text"/>	Protocol All Firewall All	Schedule Always
<input type="checkbox"/>	<input type="text"/>	<< Application Name >>	Trigger <input type="text"/> Firewall <input type="text"/>	Protocol All Firewall All	Schedule Always
<input type="checkbox"/>	<input type="text"/>	<< Application Name >>	Trigger <input type="text"/> Firewall <input type="text"/>	Protocol All Firewall All	Schedule Always
<input type="checkbox"/>	<input type="text"/>	<< Application Name >>	Trigger <input type="text"/> Firewall <input type="text"/>	Protocol All Firewall All	Schedule Always
<input type="checkbox"/>	<input type="text"/>	<< Application Name >>	Trigger <input type="text"/> Firewall <input type="text"/>	Protocol All Firewall All	Schedule Always

Internet | Protected Mode: On 100%

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.

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http://192.168.0.1/adv_qos.php

Product Page : DIR-412 Firmware Version : 1.08WW

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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	<h3>QOS ENGINE</h3> <p>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.</p> <p>Save Settings Don't Save Settings</p> <hr/> <h3>QOS ENGINE SETUP</h3> <p>Enable QoS Engine : <input type="checkbox"/></p> <p>Automatic Uplink Speed : <input type="checkbox"/></p> <p>Measured Uplink Speed :</p> <p>Manual Uplink Speed : <input type="text"/> kbps << <input type="button" value="Select Transmission Rate"/></p> <p>Connection Type : <input type="text" value="Auto-detect"/></p> <p>Detected xDSL or Other Frame : Relay Network</p> <p>Save Settings Don't Save Settings</p>				<h3>Helpful Hints...</h3> <ul style="list-style-type: none"> 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

Product Page : DIR-412 Firmware Version : 1.08WW

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DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
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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.

QOS ENGINE SETUP

Enable QoS Engine :

Automatic Uplink Speed :

Measured Uplink Speed :

Manual Uplink Speed : kbps <<

Connection Type :

Detected xDSL or Other Frame : Relay Network

Helpful Hints...

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

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DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
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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.

QOS ENGINE SETUP

Enable QoS Engine :

Automatic Uplink Speed :

Measured Uplink Speed :

Manual Uplink Speed : kbps <<

Connection Type :

Detected xDSL or Other Frame Relay Network :

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_firewall.php

Product Page : DIR-412 Firmware Version : 1.08WW

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DIR-412 // SETUP ADVANCED TOOLS STATUS SUPPORT

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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		
<input type="checkbox"/>	Name <input type="text"/>	Source <input type="text"/>	<input type="text"/>	Protocol All	Always New Schedule
	Action Allow	Dest <input type="text"/>	<input type="text"/>	Port Range <input type="text"/>	
<input type="checkbox"/>	Name <input type="text"/>	Source <input type="text"/>	<input type="text"/>	Protocol All	Always New Schedule
	Action ...	Dest <input type="text"/>	<input type="text"/>	Port Range <input type="text"/>	

Internet | Protected Mode: On 100%

D-LINK SYSTEMS, INC. | WIRELESS ROUTER | HOME - Windows Internet Explorer
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Product Page : DIR-412 Firmware Version : 1.08WW

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FIREWALL & DMZ SETTINGS

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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

	Name	Interface	IP Address	Protocol	Port Range	Schedule
<input type="checkbox"/>	<input type="text"/>	Source Source LAN WAN WAN (3G)	<input type="text"/>	All	<input type="text"/>	Always New Schedule
<input type="checkbox"/>	<input type="text"/>	Source	<input type="text"/>	All	<input type="text"/>	Always New Schedule
	<input type="text"/>	Dest	<input type="text"/>		<input type="text"/>	

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

	Name	Interface	Source	IP Address	Protocol	Action	Port Range	Schedule
<input type="checkbox"/>		Source	<input type="text"/>	<input type="text"/>	All	Allow	<input type="text"/>	Always
		Dest	<input type="text"/>	<input type="text"/>		Deny	<input type="text"/>	New Schedule
<input type="checkbox"/>		Source	<input type="text"/>	<input type="text"/>	All	Allow	<input type="text"/>	Always
		Dest	<input type="text"/>	<input type="text"/>		Deny	<input type="text"/>	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

	Name	Interface	Source	IP Address	Protocol	Action	Schedule
<input type="checkbox"/>	<input type="text"/>	Source	<input type="text"/>	<input type="text"/>	All	Allow	Always
		Dest	<input type="text"/>	<input type="text"/>	TCP UDP ICMP	New Schedule	
<input type="checkbox"/>	<input type="text"/>	Source	<input type="text"/>	<input type="text"/>	All	Port Range	Always
		Dest	<input type="text"/>	<input type="text"/>		New Schedule	

Internet | Protected Mode: On 100%

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DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
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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.

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 :

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.

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Product Page : DIR-412 Firmware Version : 1.08WW

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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	<h3>ADVANCED WIRELESS SETTINGS</h3> <p>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.</p> <p>Save Settings Don't Save Settings</p> <h3>ADVANCED WIRELESS SETTINGS</h3> <p> Transmit Power : 100% Beacon interval : 100% msec, range: 20~1000, default: 100 RTS Threshold : 25% 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 : <input type="radio"/> Short Preamble <input checked="" type="radio"/> Long Preamble Wireless Mode : 802.11 Mixed(n/g/b) Band Width : 20/40 MHz(Auto) Short Guard Interval : <input checked="" type="checkbox"/> </p> <p>Save Settings Don't Save Settings</p>				<h3>Helpful Hints...</h3> <ul style="list-style-type: none"> 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.

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Product Page : DIR-412 Firmware Version : 1.08WW

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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	<h3>ADVANCED WIRELESS SETTINGS</h3> <p>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.</p> <p>Save Settings Don't Save Settings</p> <h3>ADVANCED WIRELESS SETTINGS</h3> <p> 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 : <input type="radio"/> Short Preamble <input checked="" type="radio"/> Long Preamble Wireless Mode : 802.11 Mixed(n/g/b) Band Width : 802.11n only 802.11 Mixed(g/b) 802.11 Mixed(n/g/b) Short Guard Interval : 6.4 </p> <p>Save Settings Don't Save Settings</p>				Helpful Hints... <ul style="list-style-type: none"> 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.

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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	<h3>ADVANCED WIRELESS SETTINGS</h3> <p>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.</p> <p>Save Settings Don't Save Settings</p> <h3>ADVANCED WIRELESS SETTINGS</h3> <p>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 : <input type="radio"/> Short Preamble <input checked="" type="radio"/> 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)</p> <p>Save Settings Don't Save Settings</p>				<h3>Helpful Hints...</h3> <ul style="list-style-type: none"> 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%

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

http://192.168.0.1/adv_wps.php

Product Page : DIR-412 Firmware Version : 1.08WW

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DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
<ul style="list-style-type: none"> VIRTUAL SERVER PORT FORWARDING APPLICATION RULES QOS ENGINE NETWORK FILTER WEBSITE FILTER FIREWALL SETTINGS ADVANCED WIRELESS WI-FI PROTECTED SETUP ADVANCED NETWORK 	<h3>WI-FI PROTECTED SETUP</h3> <p>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.</p> <p>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.</p> <p>However, if the new PIN is not saved, it will get lost when the device reboots or loses power.</p> <p> <input type="button" value="Save Settings"/> <input type="button" value="Don't Save Settings"/> </p> <hr/> <h3>WI-FI PROTECTED SETUP</h3> <p>Enable : <input checked="" type="checkbox"/></p> <p><input type="button" value="Reset to Unconfigured"/></p> <hr/> <h3>PIN SETTINGS</h3> <p>PIN : 81826605</p> <p> <input type="button" value="Reset PIN to Default"/> <input type="button" value="Generate New PIN"/> </p> <hr/> <h3>ADD WIRELESS STATION</h3> <p><input type="button" value="Connect your Wireless Device"/></p> <p> <input type="button" value="Save Settings"/> <input type="button" value="Don't Save Settings"/> </p>				<h3>Helpful Hints...</h3> <ul style="list-style-type: none"> • 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.

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http://192.168.0.1/adv_network.php

Product Page : DIR-412 Firmware Version : 1.08WW

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DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
<ul style="list-style-type: none"> VIRTUAL SERVER PORT FORWARDING APPLICATION RULES QOS ENGINE NETWORK FILTER WEBSITE FILTER FIREWALL SETTINGS ADVANCED WIRELESS WI-FI PROTECTED SETUP ADVANCED NETWORK 	<h3>ADVANCED NETWORK SETTINGS</h3> <p>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.</p> <p>Save Settings Don't Save Settings</p> <h4>UPNP</h4> <p>Universal Plug and Play(UPnP) supports peer-to-peer Plug and Play functionality for network devices.</p> <p>Enable UPnP : <input checked="" type="checkbox"/></p> <h4>WAN PING</h4> <p>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.</p> <p>Enable WAN Ping Response : <input type="checkbox"/></p> <h4>MULTICAST STREAMS</h4> <p>Enable Multicast Streams : <input type="checkbox"/></p> <p>Wireless Enhance Mode : <input type="checkbox"/></p> <p>Save Settings Don't Save Settings</p>				<h4>Helpful Hints...</h4> <ul style="list-style-type: none"> 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.
<h2>WIRELESS</h2> <p>Copyright © 2008-2010 D-Link Systems, Inc.</p>					

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http://192.168.0.1/tools.php

Product Page : DIR-412 Firmware Version : 1.08WW



DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
ADMIN TIME EMAIL SETTINGS SYSTEM FIRMWARE DYNAMIC DNS SYSTEM CHECK SCHEDULES	<h3>ADMINISTRATOR SETTINGS</h3> <p>The 'admin' account can access the management interface. The admin has read/write access and can change password.</p> <p>By default there is no password configured. It is highly recommended that you create a password to keep your router secure.</p> <p> <input type="button" value="Save Settings"/> <input type="button" value="Don't Save Settings"/> </p> <hr/> <h3>ADMIN PASSWORD</h3> <p>Please enter the same password into both boxes, for confirmation.</p> <p> Password : <input type="text"/> Verify Password : <input type="text"/> </p> <hr/> <h3>ADMINISTRATION</h3> <p> Enable Graphical Authentication : <input type="checkbox"/> Enable Remote Management : <input type="checkbox"/> Remote Admin Port : <input type="text"/> </p> <p> <input type="button" value="Save Settings"/> <input type="button" value="Don't Save Settings"/> </p>				<h3>Helpful Hints...</h3> <ul style="list-style-type: none"> 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.

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http://192.168.0.1/tools_time.php

Product Page : DIR-412 Firmware Version : 1.08WW

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DIR-412 //	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
ADMIN TIME EMAIL SETTINGS SYSTEM FIRMWARE DYNAMIC DNS SYSTEM CHECK SCHEDULES	<h3>TIME AND DATE</h3> <p>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.</p> <p>Save Settings Don't Save Settings</p> <hr/> <h4>TIME AND DATE CONFIGURATION</h4> <p>Time : 2000/01/01 00:47:02</p> <p>Time Zone : [(GMT+10:00) Canberra, Melbourne, Sydney]</p> <p>Enable Daylight Saving : <input checked="" type="checkbox"/> Sync. your computer's time settings</p> <hr/> <h4>AUTOMATIC TIME AND DATE CONFIGURATION</h4> <p><input type="checkbox"/> Automatically synchronize with D-Link's Internet time server</p> <p>NTP Server Used : [Select NTP Server] Update Now</p> <hr/> <h4>SET THE TIME AND DATE MANUALLY</h4> <p>Year: 2010 Month: Nov Day: 3 Hour: 10 Minute: 8 Second: 15</p> <p>Save Settings Don't Save Settings</p>				Helpful Hints... <ul style="list-style-type: none"> 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.

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http://192.168.0.1/tools_time.php

Product Page : DIR-412 Firmware Version : 1.08WW

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DIR-412 //	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
ADMIN TIME EMAIL SETTINGS SYSTEM FIRMWARE DYNAMIC DNS SYSTEM CHECK SCHEDULES	<h3>TIME AND DATE</h3> <p>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.</p> <p>Save Settings Don't Save Settings</p> <hr/> <h4>TIME AND DATE CONFIGURATION</h4> <p>Time : 2000/01/01 00:47:02</p> <p>Time Zone : [(GMT+10:00) Canberra, Melbourne, Sydney]</p> <p>Enable Daylight Saving : <input checked="" type="checkbox"/> Sync. your computer's time settings</p> <hr/> <h4>AUTOMATIC TIME AND DATE CONFIGURATION</h4> <p><input checked="" type="checkbox"/> Automatically synchronize with D-Link's Internet time server</p> <p>NTP Server Used : Select NTP Server Update Now</p> <ul style="list-style-type: none"> Select NTP Server ntp1.dlink.com ntp.dlink.com.tw <hr/> <h4>SET THE TIME AND DATE MANUALLY</h4> <p>Year: 2010 Month: Nov Day: 3</p> <p>Hour: 10 Minute: 8 Second: 15</p> <p>Save Settings Don't Save Settings</p>				<h4>Helpful Hints...</h4> <ul style="list-style-type: none"> 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.

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http://192.168.0.1/tools_email.php

Product Page : DIR-412 Firmware Version : 1.08WW

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DIR-412 //	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
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ADMIN	EMAIL SETTINGS	Helpful Hints... <ul style="list-style-type: none">You may want to make the email settings similar to those of your email client program.
TIME	The Email feature can be used to send the system log files, router alert messages. <input type="button" value="Save Settings"/> <input type="button" value="Don't Save Settings"/>	
EMAIL SETTINGS	EMAIL SETTINGS	
SYSTEM	From Email Address : <input type="text"/>	
FIRMWARE	To Email Address : <input type="text"/>	
DYNAMIC DNS	Email Subject : <input type="text"/>	
SYSTEM CHECK	SMTP Server Address : <input type="text"/>	
SCHEDULES	Account Name : <input type="text"/>	
	Password : <input type="password"/>	
	Verify Password : <input type="password"/> <input type="button" value="Send Mail Now"/>	
	<input type="button" value="Save Settings"/> <input type="button" value="Don't Save Settings"/>	

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http://192.168.0.1/tools_system.php

Product Page : DIR-412 Firmware Version : 1.08WW

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DIR-412 //	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
ADMIN	SAVE AND RESTORE SETTINGS <p>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.</p> SAVE AND RESTORE SETTINGS <p>Save Settings To Local Hard Drive : <input type="button" value="Save"/></p> <p>Load Settings From Local Hard Drive : <input type="text"/> <input type="button" value="Browse..."/> <input type="button" value="Upload Settings"/></p> <p>Restore To Factory Default Settings : <input type="button" value="Restore Device"/></p> <p>Reboot The Device : <input type="button" value="Reboot the Device"/></p> <p>Clear Language Pack : <input type="button" value="Clear"/></p>				Helpful Hints... <ul style="list-style-type: none">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.
TIME					
EMAIL SETTINGS					
SYSTEM					
FIRMWARE					
DYNAMIC DNS					
SYSTEM CHECK					
SCHEDULES					

WIRELESS

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Done Internet | Protected Mode: On 100%

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

http://192.168.0.1/tools_firmware.php

Product Page : DIR-412 Firmware Version : 1.08WW



DIR-412 //	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
ADMIN TIME EMAIL SETTINGS SYSTEM FIRMWARE DYNAMIC DNS SYSTEM CHECK SCHEDULES	<h3>FIRMWARE UPDATE</h3> <p>There may be new firmware for your router to improve functionality and performance. Click here to check for an upgrade on our support site.</p> <p>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.</p> <p>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.</p> <p>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.</p> <h3>FIRMWARE INFORMATION</h3> <p>Current Firmware Version : 1.08WW Current Firmware Date : Thu 19 Aug 2010</p> <p>Check Online Now for Latest Firmware Version <input type="button" value="Check Now"/></p> <h3>FIRMWARE UPGRADE</h3> <p>Note: Some firmware upgrades reset the configuration options to the factory defaults. Before performing an upgrade, be sure to save the current configuration.</p> <p>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.</p> <p>Upload : <input type="text"/> <input type="button" value="Browse..."/> <input type="button" value="Upload"/></p> <h3>LANGUAGE PACK UPGRADE</h3> <p>Upload : <input type="text"/> <input type="button" value="Browse..."/> <input type="button" value="Upload"/></p>				<h3>Helpful Hints...</h3> <ul style="list-style-type: none"> 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.

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http://192.168.0.1/tools_ddns.php

Product Page : DIR-412 Firmware Version : 1.08WW

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DIR-412	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
ADMIN TIME EMAIL SETTINGS SYSTEM FIRMWARE DYNAMIC DNS SYSTEM CHECK SCHEDULES	<h3>DYNAMIC DNS</h3> <p>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.</p> <p>Sign up for D-Link's Free DDNS service at www.DLinkDDNS.com.</p> <p>Save Settings Don't Save Settings</p>			<h3>Helpful Hints...</h3> <ul style="list-style-type: none"> To use this feature, you must first have a Dynamic DNS account from one of the providers in the drop down menu. 	
	<h3>DYNAMIC DNS SETTINGS</h3> <p>Enable DDNS : <input type="checkbox"/></p> <p>Server Address : <input type="text"/></p> <p>Host Name : <input type="text"/> <ul style="list-style-type: none"> dlinkddns.com(Free) DynDns.org(Custom) DynDns.org(Free) DynDns.org(Static) </p> <p>User Account : <input type="text"/></p> <p>Password : <input type="password"/></p> <p>DDNS Account Testing</p> <p>Save Settings Don't Save Settings</p>				

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http://192.168.0.1/tools_check.php

Product Page : DIR-412 Firmware Version : 1.08WW

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DIR-412 //	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
ADMIN	PING TEST Ping Test sends "ping" packets to test a computer on the Internet.				Helpful Hints... <ul style="list-style-type: none">"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.
TIME	PING TEST Host Name or IP Address : <input type="text"/> <input type="button" value="Ping"/>				
EMAIL SETTINGS	PING RESULT Enter a host name or IP address above and click 'Ping'				
SYSTEM	WIRELESS				
FIRMWARE	Copyright © 2008-2010 D-Link Systems, Inc.				
DYNAMIC DNS					
SYSTEM CHECK					
SCHEDULES					

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

http://192.168.0.1/tools_sch.php

Product Page : DIR-412 Firmware Version : 1.08WW

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DIR-412 //	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
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ADMIN

TIME

EMAIL SETTINGS

SYSTEM

FIRMWARE

DYNAMIC DNS

SYSTEM CHECK

SCHEDULES

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 : : (hour:minute, 12 hour time)

End Time : : (hour:minute, 12 hour time)

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

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Internet | Protected Mode: On 100%

D-LINK SYSTEMS, INC. | WIRELESS ROUTER | HOME - Windows Internet Explorer
http://192.168.0.1/status.php

DIR-412 // SETUP ADVANCED TOOLS STATUS SUPPORT

DEVICE INFO
LOGS
STATISTICS
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 00:49:22
Firmware Version : 1.08WW Thu 19 Aug 2010

3G WAN
PIN Code Status :
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) : clint412
Wi-Fi Protected Setup : Enabled/Configured
Security : WPA/WPA2-PSK

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

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http://192.168.0.1/st_log.php

Product Page : DIR-412 Firmware Version : 1.08WW

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DIR-412 // SETUP ADVANCED TOOLS STATUS SUPPORT

DEVICE INFO

LOGS

STATISTICS

INTERNET SESSIONS

INTERNET USAGE METER

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 16

Time	Message
Sat Jan 1 00:49:16 2000	WIFI: Got new client [00:18:E7:67:F4:AC] associated from WLAN-1.
Sat Jan 1 00:48:56 2000	WIFI: Got new client [00:18:E7:67:F4:AC] associated from WLAN-1.
Sat Jan 1 00:48:36 2000	WIFI: Got new client [00:18:E7:67:F4:AC] associated from WLAN-1.
Sat Jan 1 00:48:11 2000	WIFI: Got new client [00:18:E7:67:F4:AC] associated from WLAN-1.
Sat Jan 1 00:47:52 2000	WIFI: Got new client [00:18:E7:67:F4:AC] associated from WLAN-1.
Sat Jan 1 00:47:32 2000	WIFI: Got new client [00:18:E7:67:F4:AC] associated from WLAN-1.
Sat Jan 1 00:47:12 2000	WIFI: Got new client [00:18:E7:67:F4:AC] associated from WLAN-1.
Sat Jan 1 00:46:52 2000	WIFI: Got new client [00:18:E7:67:F4:AC] associated from WLAN-1.
Sat Jan 1 00:46:32 2000	WIFI: Got new client [00:18:E7:67:F4:AC] associated from WLAN-1.

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.

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

http://192.168.0.1/st_stats.php

Product Page : DIR-412 Firmware Version : 1.08WW



DIR-412 // SETUP ADVANCED TOOLS STATUS SUPPORT

DEVICE INFO
LOGS
STATISTICS
INTERNET SESSIONS
INTERNET USAGE METER
WIRELESS

TRAFFIC STATISTICS

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

Refresh Reset

	Receive	Transmit
Internet	2426 Packets	2502 Packets
LAN	3052 Packets	2502 Packets
WIRELESS 11n	76941 Packets	729 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.

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http://192.168.0.1/st_session.php

Product Page : DIR-412 Firmware Version : 1.08WW



DIR-412 // SETUP ADVANCED TOOLS STATUS SUPPORT

DEVICE INFO
LOGS
STATISTICS
INTERNET SESSIONS
INTERNET USAGE METER
WIRELESS

INTERNET SESSIONS

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

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.

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NOTE: THE BELOW FEATURE IS NOT MEANT TO BE AVAILABLE. NO SUPPORT GIVEN.

The screenshot displays the web interface of a D-Link DIR-412 wireless router. The browser window title is "D-LINK SYSTEMS, INC. | WIRELESS ROUTER | HOME - Windows Internet Explorer". The address bar shows the URL "http://192.168.0.1/st_ium.php". The page header includes "Product Page : DIR-412" and "Firmware Version : 1.08WW". The D-Link logo is prominently displayed at the top. Below the logo is a navigation menu with tabs for "DIR-412", "SETUP", "ADVANCED", "TOOLS", "STATUS", and "SUPPORT". The "STATUS" tab is selected. On the left side, there is a sidebar menu with options: "DEVICE INFO", "LOGS", "STATISTICS", "INTERNET SESSIONS", "INTERNET USAGE METER", and "WIRELESS". The main content area is titled "INTERNET USAGE METER" and contains the following text: "Use this function to manage your Internet service. This router also provides the Internet statistics so you can review your recent Internet usage." Below this text are two buttons: "Save Settings" and "Don't Save Settings". A second section, also titled "INTERNET USAGE METER", contains the text "Enable Internet Usage Meter :

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http://192.168.0.1/st_wlan.php

Product Page : DIR-412 Firmware Version : 1.08WW



DIR-412 //	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
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DEVICE INFO	CONNECTED WIRELESS CLIENT LIST	Helpful Hints... <ul style="list-style-type: none">This is a list of all wireless clients that are currently connected to your wireless router.
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	NUMBER OF WIRELESS CLIENTS: 0	
INTERNET SESSIONS		
INTERNET USAGE METER		
WIRELESS		

SSID	MAC Address	IP Address	Mode	Rate (Mbps)
------	-------------	------------	------	-------------

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http://192.168.0.1/support.php

Product Page : DIR-412 Firmware Version : 1.08WW

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DIR-412 //	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
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MENU

- SETUP
- ADVANCED
- TOOLS
- STATUS

SUPPORT MENU

- [Setup](#)
- [Advanced](#)
- [Tools](#)
- [Status](#)

SETUP HELP

- [Internet](#)
- [Wireless Settings](#)
- [Network Settings](#)
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Internet | Protected Mode: On 100%