D-Link



Xtreme N® Gigabit Router

DIR-614

Preface

D-Link reserves the right to revise this publication and to make changes in the content hereof without obligation to notify any person or organization of such revisions or changes.

Manual Revisions

Revision	Date	Description
2.0	March 3, 2010	New Revision

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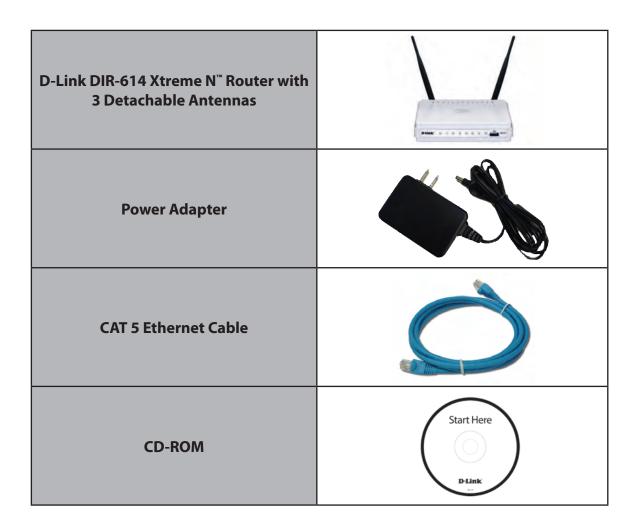
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Package Contents



Note: Using a power supply with a different voltage rating than the one included with the DIR-614 will cause damage and void the warranty.

System Requirements

Network Requirements	 An Ethernet-based Cable or DSL modem IEEE 802.11n or 802.11g wireless clients 10/100/1000 Ethernet
Web-based Configuration Utility Requirements	 Computer with the following: Windows[°], Macintosh, or Linux-based operating system An installed Ethernet adapter Browser Requirements: Internet Explorer 6.0 or higher Mozilla 1.7.12 or higher Firefox 1.5 or higher Safari 1.0 or higher (with Java 1.3.1 or higher) Windows [°] Users: Make sure you have the latest version of Java installed. Visit www.java.com to download the latest version.
CD Installation Wizard Requirements	Computer with the following: • Windows 7, Vista [°] , or XP with Service Pack 2 • An installed Ethernet adapter • CD-ROM drive

Introduction

TOTAL PERFORMANCE

Combines award winning router features and 802.11n wireless technology to provide the best wireless performance.

TOTAL SECURITY

The most complete set of security features including Active Firewall and WPA2[™] to protect your network against outside intruders.

TOTAL COVERAGE

Provides greater wireless signal rates even at farther distances for best-in-class Whole Home Coverage.

ULTIMATE PERFORMANCE

The D-Link Xtreme N[™] Router (DIR-614) is a 802.11n compliant device that delivers real world performance of up to 650% faster than an 802.11g wireless connection (also faster than a 100Mbps wired Ethernet connection). Create a secure wireless network to share photos, files, music, video, printers, and network storage throughout your home. Connect the Xtreme N[™] Router to a cable or DSL modem and share your high-speed Internet access with everyone on the network. In addition, this Router includes a Quality of Service (QoS) engine that keeps digital phone calls (VoIP) and online gaming smooth and responsive, providing a better Internet experience.

EXTENDED WHOLE HOME COVERAGE

Powered by Xtreme N[™] technology, this high performance router provides superior Whole Home Coverage while reducing dead spots. The Xtreme N[™] Router is designed for use in bigger homes and for users who demand higher performance networking. Add a Xtreme N[™] notebook or desktop adapter and stay connected to your network from virtually anywhere in your home.

TOTAL NETWORK SECURITY

The Xtreme N[™] Router supports all of the latest wireless security features to prevent unauthorized access, be it from over the wireless network or from the Internet. Support for WPA standards ensure that you'll be able to use the best possible encryption method, regardless of your client devices. In addition, this Xtreme N[™] Router utilizes dual active firewalls (SPI and NAT) to prevent potential attacks from across the Internet.

* Maximum wireless signal rate derived from IEEE Standard 802.11g and 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental conditions will adversely affect wireless signal range.

Features

- Faster Wireless Networking The DIR-614 provides up to 300Mbps* wireless connection with other 802.11n wireless clients. This capability allows users to participate in real-time activities online, such as video streaming, online gaming, and real-time audio. The performance of this 802.11n wireless router gives you the freedom of wireless networking at speeds 650% faster than 802.11g.
- **Compatible with 802.11g Devices** The DIR-614 is still fully compatible with the IEEE 802.11g standard, so it can connect with existing 802.11g PCI, USB and Cardbus adapters.
- Advanced Firewall Features The Web-based user interface displays a number of advanced network management features including:
 - Content Filtering Easily applied content filtering based on MAC Address, URL, and/or Domain Name.
 - Filter Scheduling These filters can be scheduled to be active on certain days or for a duration of hours or minutes.
 - Secure Multiple/Concurrent Sessions The DIR-614 can pass through VPN sessions. It supports multiple and concurrent IPSec and PPTP sessions, so users behind the DIR-614 can securely access corporate networks.
- User-friendly Setup Wizard Through its easy-to-use Web-based user interface, the DIR-614 lets you control what information is accessible to those on the wireless network, whether from the Internet or from your company's server. Configure your router to your specific settings within minutes.

* Maximum wireless signal rate derived from IEEE Standard 802.11g and 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental conditions will adversely affect wireless signal range.



1	Power LED	A solid light indicates a proper connection to the power supply.
2	Internet LED	A solid light indicates connection on the Internet port. This LED blinks during data transmission. A solid blue light indicates that there is an Internet connection, an orange light indicates that there is none.
3	WLAN LED	A solid light indicates that the wireless segment is ready. This LED blinks during wireless data transmission.
4	Local Network's LED	A solid light indicates a connection to an Ethernet-enabled computer on ports 1-4. This LED blinks during data transmission.
5	WCN LED	Insert a USB flash drive with WCN information. The LED will blink 3 times if it successfully transfers the wireless settings.

Installation

This section will walk you through the installation process. Placement of the router is very important. Do not place the router in an enclosed area such as a closet, cabinet, or in the attic or garage.

Before you Begin

Please configure the router with the computer that was last connected directly to your modem. Also, you can only use the Ethernet port on your modem. If you were using the USB connection before using the router, then you must turn off your modem, disconnect the USB cable and connect an Ethernet cable to the Internet port on the router, and then turn the modem back on. In some cases, you may need to call your ISP to change connection types (USB to Ethernet).

If you have DSL and are connecting via PPPoE, make sure you disable or uninstall any PPPoE software such as WinPoet, Broadjump, or Enternet 300 from your computer or you will not be able to connect to the Internet.

Wireless Installation Considerations

The D-Link wireless router lets you access your network using a wireless connection from virtually anywhere within the operating range of your wireless network. Keep in mind that the number, thickness and location of walls, ceilings, or other objects that the wireless signals must pass through, may limit the range. Typical ranges vary depending on the types of materials and background RF (radio frequency) noise in your home or business. The key to maximizing wireless range is to follow these basic guidelines:

- 1. Keep the number of walls and ceilings between the D-Link router and other network devices to a minimum each wall or ceiling can reduce your adapter's range from 3-90 feet (1-30 meters.) Position your devices so that the number of walls or ceilings is minimized.
- 2. Be aware of the direct line between network devices. A wall that is 1.5 feet thick (.5 meters), at a 45-degree angle appears to be almost 3 feet (1 meter) thick. At a 2-degree angle it looks over 42 feet (14 meters) thick! Position devices so that the signal will travel straight through a wall or ceiling (instead of at an angle) for better reception.
- **3**. Building Materials make a difference. A solid metal door or aluminum studs may have a negative effect on range. Try to position access points, wireless routers, and computers so that the signal passes through drywall or open doorways. Materials and objects such as glass, steel, metal, walls with insulation, water (fish tanks), mirrors, file cabinets, brick, and concrete will degrade your wireless signal.
- 4. Keep your product away (at least 3-6 feet or 1-2 meters) from electrical devices or appliances that generate RF noise.
- **5**. If you are using 2.4GHz cordless phones or X-10 (wireless products such as ceiling fans, lights, and home security systems), your wireless connection may degrade dramatically or drop completely. Make sure your 2.4GHz phone base is as far away from your wireless devices as possible. The base transmits a signal even if the phone in not in use.

Getting Started

The DIR-614 includes a Quick Router Setup Wizard CD. Follow the simple steps below to run the Setup Wizard to guide you quickly through the installation process.

Insert the **Quick Router Setup Wizard CD** in the CD-ROM drive. The step-by-step instructions that follow are shown in Windows[®] XP. The steps and screens are similar for the other Windows operating systems.

If the CD Autorun function does not automatically start on your computer, go to **Start** > **Run**. In the run box type "**D:\autorun.exe**" (where **D:** represents the drive letter of your CD-ROM drive).

When the autorun screen appears, click Install.

Note: It is recommended to write down the SSID and Security Key, followed by the login password on the provided CD holder.

Configuration

This section will show you how to configure your new D-Link wireless router using the web-based configuration utility.

Web-based Configuration Utility

To access the configuration utility, open a web-browser such as Internet Explorer and enter the IP address of the router (192.168.0.1).

You may also connect using the NetBIOS name in the address bar (http://dlinkrouter).

Eile	Edit	⊻iew	Favorites	Tools	Help
0	Back 🔻	6	- 🗙	2) 🐔	Searc

Select **Admin** from the drop-down menu and then enter your password. The password is left blank by default.

If you get a **Page Cannot be Displayed** error, please refer to the **Troubleshooting** section for assistance.

Log in to the router				
	User Name :	Admin 🜩		
	Password :	1		
	Password :	1	-	
	J	Log In		

Setup Wizard

You may click Setup Wizard to quickly configure your router.

If you want to enter your settings without running the wizard, click **Manual Configuration** and skip to page 15.

Click Launch Internet Connection Setup Wizard to begin.

If you want to configure your wireless settings, click **Launch Wireless Security Setup Wizard** and skip to page 74.

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 manualy configure the connection.

INTERNET CONNECTION WIZARD

If you would like to utilize our easy to use Web-based Wizards 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 aunching the wizard, please make sure you have followed all steps outlined in the Quick Installation Guide included in the package.

MANUAL INTERNET CONNECTION OPTIONS

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

Manual Internet Connection Setup

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 al 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 weard is designed to assist you in connecting your wireless device to your 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 dick on the Manual Wireless Network Secup button below.

Manual Wireless Connection Setup

Click Next to continue.

Create a new password and then click **Next** to continue.

Select your time zone from the drop-down menu and then click **Next** to continue.

Select the type of Internet connection you use and then click **Next** to continue.

WELCOME TO THE D-L	INK SETUP WIZARD
This wizard will guide you connect to the Internet.	u through a step-by-step process to configure your new D-Link router and
 Step 1: Set your Pa Step 2: Select your Step 3: Configure y Step 4: Save Settin 	Time Zone our Internet Connection
	Prev Next Cancel Connect



	opriate time zone for your location. This information is required to configure the
time based opti	ons for the router.
	(GMT-08:00) Pacific Time (US/Canada), Tijuana 🚽
	Prev Next Cancel Connect

from the list below. Il manually configure yo	tion could not be detected, please select your Internet Service Provider (ISP) (your ISP is not listed; select the "Not Listed or Don't Know" option to our connection.
Not Listed or Don't Know	T
If your Internet Servi Internet connection t	ce Provider was not listed or you don't know who it is, please select the ype below:
	on (Dynamic IP Address) errot connection automatically provides you with an IP Address. Most Cable Moderns ection.
Choose this option if y	sword Connection (PPPoE) our intermet connection requires a username and password to get online. Most DSL lection type of connection.
Disername / Pase PPTP clent.	sword Connection (PPTP)
Username / Pase L2TP client.	sword Connection (L2TP)
Static IP Addres Choose this option if y manualy configured.	ss Connection our Internet Setup Provider provided you with IP Address information that has to be

Section 3 - Configuration

If you selected Dynamic, you may need to enter the MAC address of the computer that was last connected directly to your modem. If you are currently using that computer, click **Clone Your PC's MAC Address** and then click **Next** to continue.

The Host Name is optional but may be required by some ISPs. The default host name is the device name of the Router and may be changed.

If you selected PPPoE, enter your PPPoE username and password. Click **Next** to continue.

Select **Static** if your ISP assigned you the IP address, subnet mask, gateway, and DNS server addresses.

Note: Make sure to remove your PPPoE software from your computer. The software is no longer needed and will not work through a router.

If you selected PPTP, enter your PPTP username and password. Click **Next** to continue.

5:17:45:11:af (Optional)
e Your PC's MAC Address
st Name. If you do not have or know this information, please contac
.0
.0

Address Mode : IP Address8 :	Dynamic IP	Static IP
User Name :	d-ink@sbcglobal.net	
Password :		
No. 10. 10. 10. 1	Total deleteration	
Verify Password :		
Service Name : e: You may also need to provi		(Optional) ou do not have or know this information, please
Service Name :		
Service Name : e: You may also need to provi tact your ISP.		

Address Mode :	Dynamic IP	Static IP
PPTP IP Address :	0.0.0.0	
PPTP Subnet Mask :	0.0.0.0	
PPTP Gateway IP Address :	0.0.0.0	
PPTP Server IP Address (may be same as gateway) :		
User Name :	-	
Password :	-	
Verify Password :		
IS SETTINGS		
Primary DNS Address :	0.0.0.0	
Secondary DNS Address :	0.0.0.0	

D-Link DIR-614 User Manual

If you selected L2TP, enter your L2TP username and password. Click **Next** to continue.

If you selected Static, enter your network settings supplied by your Internet provider. Click **Next** to continue.

Click **Connect** to save your settings. Once the router is finished rebooting, click **Continue**. Please allow 1-2 minutes to connect.

Close your browser window and reopen it to test your Internet connection. It may take a few tries to initially connect to the Internet.

ervice Provider. You also need our ISP.	LATE IP adress. If yo	u do not have this information, please contact
Address Mode :	🖲 Dynamic IP 🔘	Static IP
L2TP IP Address :	0.0.0.0	
L2TP Subnet Mask :	0.0.0.0)
L2TP Gateway IP Address :	0.0.0.0	
L2TP Server IP Address (may be same as gateway) :		
User Name :		
Password :	1	
Verify Password :		
INS SETTINGS		
Primary DNS Address :	0.0.0.0	
Secondary DNS Address :	0.0.0.0	

Internet Service Provider. If you please contact your ISP.	u have a Static l	IP connection and do not have this information,
IP Address :	0.0.0	
Subnet Mask :	0.0.0	
Gateway Address :	0.0.0.0	
ONS SETTINGS		
Primary DNS Address :	0.0.0,0	
Secondary DNS Address :	0.0.0.0	
Secondary DNS Address :	0.0.0.0	

he Setup Wizard ha outer.	completed. Click the Connect button to save your settings and restart the
	Prev Next Cancel Connect

Manual Configuration Dynamic (Cable)

¢

My Internet Select **Dynamic IP (DHCP)** to obtain IP Address information automatically from your Connection: ISP. Select this option if your ISP does not give you any IP numbers to use. This option is commonly used for cable modem services such as Comcast and Cox.

EnableAdvanced Advanced Domain Name System (DNS) services enhances your Internet performance by DNS Service: getting you the information and web pages you are looking for faster and more reliably. In addition, it improves your overall Internet experience by correcting many common typo mistakes automatically, taking you where you intended to go and saving you valuable time.

Disclaimer: D-Link makes no warranty as to the availability, reliability, functionality and operation of the Advanced DNS service or its features.

- Host Name: The Host Name is optional but may be required by some ISPs. Leave blank if you are not sure.
- Use Unicasting: Check the box if you are having problems obtaining an IP address from your ISP.
- Primary/SecondaryDNS Enter the Primary and secondary DNS server IP addresses assigned by your ISP. These Server: addresses are usually obtained automatically from your ISP. Leave at 0.0.0.0 if you did not specifically receive these from your ISP.

hoose the mode to be used by	the router to	connect to the Internet.
My Internet Connection is :	Dynamic IP (DH	c•) •
ADVANCED DNS SERVICE		
Advanced DNS is a free security Internet connection from fraud into-correction of common URI Enable Advanced DNS Service :	and navigatio	rovides Anti-Phishing to protect you n improvements such as
and a local section of the section o		
VNAMIC IP (DHCP) INTERN	ET CONNECTI	ON TYPE :
lse this Internet connection ty	pe if your Inte	met Service Provider (ISP) didn't
lse this Internet connection ty	pe if your Inte	met Service Provider (ISP) didn't
lse this Internet connection ty provide you with IP Address inf	pe if your Inte ormation and/	met Service Provider (ISP) didn't
ise this Internet connection ty provide you with IP Address inf Host Name :	pe if your Inte ormation and/	met Service Provider (ISP) didn't 'or a username and password.
provide you with IP Address inf Host Name : Use Unicasting :	pe if your Inte ormation and/ I (compatibi	met Service Provider (ISP) didn't 'or a username and password.
lse this Internet connection ty provide you with IP Address inf Host Name : Use Unicasting : Primary DIIS Address :	pe if your Inte ormation and/	met Service Provider (ISP) didn't 'or a username and password.
lse this Internet connection ty rovide you with IP Address inf Host Name : Use Unicasting : Primary DHS Address : Secondary DHS Address :	pe if your Inte ormation and/	ty for some DHCP Servers)

MTU: Maximum Transmission Unit - you may need to change the MTU for optimal performance with your specific ISP. 1500 is the default MTU.

MAC Address: The default MAC Address is set to the Internet port's physical interface MAC address on the Broadband Router. It is not recommended that you change the default MAC address unless required by your ISP. You can use the **Clone Your PC's MAC Address** button to replace the Internet port's MAC address with the MAC address of your Ethernet card.

Internet Setup PPPoE (DSL)

Choose PPPoE (Point to Point Protocol over Ethernet) if your ISP uses a PPPoE connection. Your ISP will provide you with a username and password. This option is typically used for DSL services. Make sure to remove your PPPoE software from your computer. The software is no longer needed and will not work through a router.

MyInternetConnection: Select PPPoE (Username/Password) from the drop-down menu.

Address Mode: Select **Static** if your ISP assigned you the IP address, subnet mask, gateway, and DNS server addresses. In most cases, select **Dynamic**.

IP Address: Enter the IP address (Static PPPoE only).

User Name: Enter your PPPoE user name.

Password: Enter your PPPoE password and then retype the password in the next box.

Service Name: Enter the ISP Service Name (optional).

Reconnection Mode: Select either Always-on, On-Demand, or Manual.

Maximum Idle Time: Enter the Primary and Secondary DNS Server Addresses (Static PPPoE only).

- DNS Addresses: Enter a maximum idle time during which the Internet connection is maintained during inactivity. To disable this feature, enable Auto-reconnect.
 - MTU: Maximum Transmission Unit you may need to change the MTU for optimal performance with your specific ISP. 1492 is the default MTU.
- MAC Address: The default MAC Address is set to the Internet port's physical interface MAC address on the Broadband Router. It is not recommended that you change the default MAC address unless required by your ISP. You can use the **Clone Your PC's MAC Address** button to replace the Internet port's MAC address with the MAC address of your Ethernet card.

INTERNET CONNECTION TYPE	1.	
Choose the mode to be used by My Internet Connection is :		e connect to the Internet.
ADVANCED DNS SERVICE		
Advanced DNS is a free security Internet connection from fraud auto-correction of common URL Enable Advanced DNS Service :	and navigatio	rovides Anti-Phishing to protect your on improvements such as
PPPOE :		
Enter the information provided	by your Inter	net Service Provider (ISP).
Address Mode	Oynamic I	P 🔘 Static IP
IP Address : User Name :	0.0.0.0	
Password :		
Verify Password :		
Service Name :		(optional)
Reconnect Mode :	Always or	🔍 On demend 🗢 Manual
Maximum Idle Time :	5	(minutes, 0=infinite)
Primary DNS Address :	0.0.0.0	(optional)
Secondary DIIS Address :	0.0.0.0	(optional)
MTU :	1492	(bytes) MTU default = 1492
MAC Address :	00:15:17:45:11	laf
	Clone Your PC	s MAC Address

PPTP

Choose PPTP (Point-to-Point-Tunneling Protocol) if your ISP uses a PPTP connection. Your ISP will provide you with a username and password. This option is typically used for DSL services.

	if your ISP assigned you the IP address, subnet mask, gateway,	INTERNET CONNECTION TYPE	
and DNS serv	ver addresses. In most cases, select Dynamic .	Choose the mode to be used by	y the router to connect to the Internet.
PPTP IP Address: Enter the IP a	ddress (Static PPTP only).	My Internet Connection is :	PPTP (Username / Password)
PPTP Subnet Mask: Enter the Prir	mary and Secondary DNS Server Addresses (Static PPTP only).	ADVANCED DNS SERVICE	
PPTP Gateway: Enter the Gat	eway IP Address provided by your ISP.	Advanced DNS is a free security Internet connection from fraud	option that provides Anti-Phishing to protect your and navigation improvements such as
PPTP Server IP: Enter the Ser	ver IP provided by your ISP (optional).	auto-correction of common URL	L typos.
Username: Enter your PF	PTP username.	Enable Advanced DNS Service :	
Password: Enter your PF	PTP password and then retype the password in the next box.	PPTP :	
Reconnect Mode: Select either	Always-on, On-Demand, or Manual.	Enter the information provided Address Mode	by your Internet Service Provider (ISP). Dynamic IP Static IP
	num idle time during which the Internet connection is maintained vity. To disable this feature, enable Auto-reconnect.	PPTP IP Address : PPTP Subnet Mask :	0.0.0.0
DNS Servers: The DNS serv Provider.)	ver information will be supplied by your ISP (Internet Service	PPTP Gateway IP Address : PPTP Server IP Address : Username :	0.0.0,0
	ansmission Unit - you may need to change the MTU for optimal with your specific ISP. 1400 is the default MTU.	Password : Verify Password :	
address on th the default M Your PC's M	MAC Address is set to the Internet port's physical interface MAC ne Broadband Router. It is not recommended that you change IAC address unless required by your ISP. You can use the Clone AC Address button to replace the Internet port's MAC address C address of your Ethernet card.	Reconnect Mode : Maximum Idle Time : Primary DNS Address : Secondary DNS Address : MTU : MAC Address :	 Always on On demand () Manual (minutes, 0=infinite) 0.0.0.0 0.0.0.0 1400 (bytes) MTU default = 1400 00:16:17:45:11:af Clone Your PC's MAC Address

L2TP

Choose L2TP (Layer 2 Tunneling Protocol) if your ISP uses a L2TP connection. Your ISP will provide you with a username and password. This option is typically used for DSL services.

Address Mode:	Select Static if your ISP assigned you the IP address, subnet mask, gateway, and DNS	INTERNET CONNECTION TYPE
	server addresses. In most cases, select Dynamic .	Choose the mode to be used by the router to connect to the Internet.
L2TP IP Address:	Enter the L2TP IP address supplied by your ISP (Static only).	My Internet Connection is : LZTP (Username / Password)
L2TP Subnet Mask:	Enter the Subnet Mask supplied by your ISP (Static only).	ADVANCED DNS SERVICE
L2TP Gateway:	Enter the Gateway IP Address provided by your ISP.	Advanced DNS is a free security option that provides Anti-Phishing to protect your Internet connection from fraud and navigation improvements such as
L2TP Server IP:	Enter the Server IP provided by your ISP (optional).	auto-correction of common URL typos.
Username:	Enter your L2TP username.	Enable Advanced DNS Service :
Password:	Enter your L2TP password and then retype the password in the next box.	L2TP :
Reconnect Mode:	Select either Always-on, On-Demand, or Manual.	Enter the information provided by your Internet Service Provider (ISP). Address Mode
Maximum Idle Time:	Enter a maximum idle time during which the Internet connection is maintained during inactivity. To disable this feature, enable Auto-reconnect.	L2TP IP Address : 0.0.0.0
DNS Servers:	Enter the Primary and Secondary DNS Server Addresses (Static L2TP only).	L2TP Gateway IP Address : 0.0.0.0 L2TP Server IP Address :
MTU:	Maximum Transmission Unit - you may need to change the MTU for optimal performance with your specific ISP. 1400 is the default MTU.	Username : Password :
Clone MAC Address:	The default MAC Address is set to the Internet port's physical interface MAC address on the Broadband Router. It is not recommended that you change the default MAC address unless required by your ISP. You can use the Clone Your PC's MAC Address button to replace the Internet port's MAC address with the MAC address of your Ethernet card.	Verify Password : Reconnect Mode :
		Clone Your PC's MAC Address

Static (assigned by ISP)

Select Static IP Address if all the Internet port's IP information is provided to you by your ISP. You will need to enter in the IP address, subnet mask, gateway address, and DNS address(es) provided to you by your ISP. Each IP address entered in the fields must be in the appropriate IP form, which are four octets separated by a dot (x.x.x.x). The Router will not accept the IP address if it is not in this format.

IP Address: Enter the IP address assigned by your ISP.

Subnet Mask: Enter the Subnet Mask assigned by your ISP.

- Default Gateway: Enter the Gateway assigned by your ISP.
 - DNS Servers: The DNS server information will be supplied by your ISP (Internet Service Provider.)
 - MTU: Maximum Transmission Unit you may need to change the MTU for optimal performance with your specific ISP. 1500 is the default MTU.
 - MAC Address: The default MAC Address is set to the Internet port's physical interface MAC address on the Broadband Router. It is not recommended that you change the default MAC address unless required by your ISP. You can use the **Clone Your PC's MAC Address** button to replace the Internet port's MAC address with the MAC address of your Ethernet card.

Use this section to configure your I types to choose from: Static IP, DH connection method, please contact	CP, PPPOE, PP	PTP and L	2TP. If you are unsure of your
Note: If using the PPPoE option, y on your computers.	ou will need to	o remove	or disable any PPPoE client software
Save Settings Don't Save Settin	05		
INTERNET CONNECTION TYPE			
Choose the mode to be used by	the router	to conne	ct to the Internet.
My Internet Connection is :	Static JP		•
ADVANCED DNS SERVICE			
Advanced DNS is a free security Internet connection from fraud auto-correction of common URI Enable Advanced DNS Service :	l and navigat L typos.		
Advanced DNS is a free security Internet connection from fraud auto-correction of common URI	Land navigat L typos.	ion impr	ovements such as
Advanced DNS is a free security Internet connection from fraud auto-correction of common URI Enable Advanced DNS Service :	Land navigat L typos.	ion impre	ovements such as
Advanced DNS is a free security Internet connection from fraud auto-correction of common URI Enable Advanced DNS Service : STATIC IP ADDRESS INTERN Enter the static address informa	Land navigat L typos.	ion impre	ovements such as
Advanced DNS is a free security Internet connection from fraud auto-correction of common URI Enable Advanced DNS Service : STATIC IP ADDRESS INTERN Enter the static address informa (ISP).	Land navigat L typos.	ion impre	ovements such as
Advanced DNS is a free security Internet connection from fraud auto-correction of common URI Enable Advanced DNS Service : STATIC IP ADDRESS INTERN Enter the static address informa (ISP). IP Address :	Land navigat Lypos.	ion impre	ovements such as
Advanced DNS is a free security Internet connection from fraud auto-correction of common URI Enable Advanced DNS Service : STATIC IP ADDRESS INTERN Enter the static address informa (ISP). IP Address : Subnet Mask :	I and navigat L typos.	ion impre	ovements such as
Advanced DNS is a free security Internet connection from fraud auto-correction of common URI Enable Advanced DNS Service : STATIC IP ADDRESS INTERN Enter the static address informa (ISP). IP Address : Subnet Mask : Default Gateway :	Land navigat L typos.	ion impre	ovements such as
Advanced DNS is a free security Internet connection from fraud auto-correction of common URI Enable Advanced DNS Service : STATIC IP ADDRESS INTERN Enter the static address informa (ISP). IP Address : Subnet Mask : Default Gateway : Primary DNS Server : Secondary DNS Server : MTU :	Land navigat Lypos.	TION TY	ovements such as
Advanced DNS is a free security Internet connection from fraud auto-correction of common URI Enable Advanced DNS Service : STATIC IP ADDRESS INTERN Enter the static address informa (ISP). IP Address : Subnet Mask : Default Gateway : Primary DNS Server : Secondary DNS Server :	ET CONNEC 0.0.0.0 0.0.0.0 0.0.0.0 0.0.0.0 0.0.0.0 0.0.0.0 0.0.0.0 0.0.0.0	TION TY ad by you (bytes)	PE : Internet Service Provider

Wireless Settings

Enable Wireless:	Check the box to enable the wireless function. If you do not want to use wireless,
	uncheck the box to disable all the wireless functions.

- Schedule: The schedule of time when the wireless settings rules will be enabled. The schedule may be set to **Always**, which will allow the particular service to always be enabled. You can create your own times in the **Tools** > **Schedules** section.
- WirelessNetworkName: Service Set Identifier (SSID) is the name of your wireless network. Create a name using up to 32 characters. The SSID is case-sensitive.
- EnableAutoChannelScan: The **Auto Channel Scan** setting can be selected to allow the DIR-614 to choose the channel with the least amount of interference.
 - Wireless Channel: Indicates the channel setting for the DIR-614. By default the channel is set to 6. The Channel can be changed to fit the channel setting for an existing wireless network or to customize the wireless network. If you enable **Auto Channel Scan**, this option will be greyed out.
 - 802.11 Mode: Select one of the following:
 802.11g Only Select if all of your wireless clients are 802.11g.
 802.11n Only Select only if all of your wireless clients are 802.11n.
 Mixed 802.11n and 802.11g Select if you are using a mix of 802.11n and 11g wireless clients.

To protect your privacy you can configure wireless security features. This device supports thre	B02.11 Mode : Mixed 802.11n, 802.11g and 802.11b * Enable Auto Channel Scan : Image: Channel Scan : Image: Channel Scan : Image: Channel Scan : Wireless Channel : 2.457 GH2 - CH 6 * Transmission Rate : Best (automatic) * Channel Width : 20 MH2 * Visibility Status: Visible Invisible MIRELESS SECURITY MODE To protect your privacy you can configure wireless security features. This device supports three wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the origina wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not equire an authentication server. The WPA-Enterprise option requires an external RADIUS server.	B02.11 Mode : Mixed Enable Auto Channel Scan : Wireless Channel : 2.437 Transmission Rate : Best (2 Channel Width : 20 MH Visibility Status: Vis WIRELESS SECURITY MODE To protect your privacy you can configure w	1 802.11n, 802.11g and 802.11b ▼ ⁷ GHz - CH 6 + (automatic) + H2 -
Enable Auto Channel Scan : Wireless Channel : 2.457 GH2 - CH 6 • Transmission Rate : Best (automatic) • Channel Width : 20 MH2 • Visibility Status: Visible Invisible WIRELESS SECURITY MODE To protect your privacy you can configure wireless security features. This device supports three wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the origins wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server. The WPA-Enterprise option requires an external RADIUS server.	Enable Auto Channel Scan : Wireless Channel : 2.457 GH2 - CH 6 - Transmission Rate : Eest (automatic) - Channel Width : 20 MH2 - Visibility Status: Visible Invisible WIRELESS SECURITY MODE To protect your privacy you can configure wireless security features. This device supports three wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the origina wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not equire an authentication server. The WPA-Enterprise option requires an external RADIUS server.	Enable Auto Channel Scan : Wireless Channel : 2,437 Transmission Rate : Eest (a Channel Width : 20 MR Visibility Status: Vis WIRELESS SECURITY MODE To protect your privacy you can configure w	7 GH2 - CH 6 + (automatic) + H2 +
Wireless Channel : 2.437 GH2 - CH 6 + Transmission Rate : Eest (automatic) + Channel Width : 20 MH2 + Visibility Status: Visible Invisible WIRELESS SECURITY MODE To protect your privacy you can configure wireless security features. This device supports thre wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the origina wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not equire an authentication server. The WPA-Enterprise option requires an external RADIUS server.	Wireless Channel : 2.437 GH2 - CH 6 + Transmission Rate : Eest (automatic) + Channel Width : 20 MH2 + Visibility Status: Visible Invisible WIRELESS SECURITY MODE To protect your privacy you can configure wireless security features. This device supports thre wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the origina wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not equire an authentication server. The WPA-Enterprise option requires an external RADIUS server.	Wireless Channel : 2.437 Transmission Rate : Best (a Channel Width : 20 MH Visibility Status: Vis WIRELESS SECURITY MODE To protect your privacy you can configure w	(automatic) + Hz +
Transmission Rate : Best (automatic) Channel Width : 20 MHz Visibility Status: W Visble Invisible VIRELESS SECURITY MODE Fo protect your privacy you can configure wireless security features. This device supports thre wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the origina wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not equire an authentication server. The WPA-Enterprise option requires an external RADIUS erver.	Transmission Rate : Best (automatic) Channel Width : 20 MHz Visibility Status: W Visble Invisible VIRELESS SECURITY MODE Fo protect your privacy you can configure wireless security features. This device supports thre wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the origina wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not equire an authentication server. The WPA-Enterprise option requires an external RADIUS erver.	Transmission Rate : Best (a Channel Width : 20 MH Visibility Status: Vis VIRELESS SECURITY MODE	(automatic) + H2 +
Channel Width : 20 MH2 Visibility Status: Visible Invisible VIRELESS SECURITY MODE To protect your privacy you can configure wireless security features. This device supports thre wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the origine wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not equire an authentication server. The WPA-Enterprise option requires an external RADIUS server.	Channel Width : 20 MH2 Visibility Status: Visible Invisible VIRELESS SECURITY MODE To protect your privacy you can configure wireless security features. This device supports thre wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the origine wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not equire an authentication server. The WPA-Enterprise option requires an external RADIUS server.	Channel Width : 20 MH Visibility Status: () Vis WIRELESS SECURITY MODE	H2 +
Visibility Status: Visble Invisible VIRELESS SECURITY MODE To protect your privacy you can configure wireless security features. This device supports thre wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the origina wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not equire an authentication server. The WPA-Enterprise option requires an external RADIUS server.	Visibility Status: Visble Invisible VIRELESS SECURITY MODE To protect your privacy you can configure wireless security features. This device supports thre wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the origina wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not equire an authentication server. The WPA-Enterprise option requires an external RADIUS server.	Visibility Status: (a) Vis WIRELESS SECURITY MODE	
WIRELESS SECURITY MODE To protect your privacy you can configure wireless security features. This device supports three wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the origina wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server. The WPA-Enterprise option requires an external RADIUS server.	VIRELESS SECURITY MODE To protect your privacy you can configure wireless security features. This device supports three wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the origina wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not equire an authentication server. The WPA-Enterprise option requires an external RADIUS server.	NIRELESS SECURITY MODE	isble 🕙 Invisible
To protect your privacy you can configure wireless security features. This device supports three wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the origina wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server. The WPA-Enterprise option requires an external RADIUS server.	To protect your privacy you can configure wireless security features. This device supports three wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the origina wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not equire an authentication server. The WPA-Enterprise option requires an external RADIUS server.	To protect your privacy you can configure w	
Security Mode : None 👻	Security Mode : None 👻	states an even enteresting a parent after reaction	
		Security Mode : None	(*)

Channel Width: Select the Channel Width:

Auto 20/40 - This is the default setting. Select if you are using both 802.11n and non-802.11n wireless devices.
20MHz - Select if you are not using any 802.11n wireless clients.
40MHz - Select if using only 802.11n wireless clients.

Transmission Rate: Select the transmit rate. It is strongly suggested to select Best (Auto) for best performance.

Visibility Status: Select Invisible if you do not want the SSID of your wireless network to be broadcasted by the DIR-614. If Invisible is selected, the SSID of the DIR-614 will not be seen by Site Survey utilities so your wireless clients will have to know the SSID of your DIR-614

Network Settings

This section will allow you to change the local network settings of the router and to configure the DHCP settings.

IP Address:	Enter the IP	address	of the	router.	The	default	IP	address	is
	192.168.0.1.								

If you change the IP address, once you click **Apply**, you will need to enter the new IP address in your browser to get back into the configuration utility.

Subnet Mask: Enter the Subnet Mask. The default subnet mask is 255.255.255.0.

Local Domain: Enter the Domain name (Optional).

Enable DNS Relay: Uncheck the box to transfer the DNS server information from your ISP to your computers. If checked, your computers will use the router for a DNS server.

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 the 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 here, you may need to adjust your PC's network settings to access the network again.

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	
Subnet Mask :	255.255.255.0	
Device Name :	dinkrouter	
Local Domain Name :		
Enable DNS Relay :	2	

DHCP Server Settings

DHCP stands for Dynamic Host Control Protocol. The DIR-614 has a built-in DHCP server. The DHCP Server will automatically assign an IP address to the computers on the LAN/private network. Be sure to set your computers to be DHCP clients by setting their TCP/IP settings to "Obtain an IP Address Automatically." When you turn your computers on, they will automatically load the proper TCP/IP settings provided by the DIR-614. The DHCP Server will automatically allocate an unused IP address from the IP address pool to the requesting computer. You must specify the starting and ending address of the IP address pool.

Enable DHCP Server:	Check this box to enable the DHCP server on your router. Uncheck to disable this function.	DHCP SERVER SETTINGS		
DHCPIPAddressRange:	Enter the starting and ending IP addresses for the DHCP server's	Use this section to configure the bu on your network.		sion IP addresses to the computers
	IP assignment.	Enable DHCP Server :	V	
	Note: If you statically (manually) assign IP addresses to your	DHCP IP Address Range :	192, 168.0, 100	to 192,168.0,199
	computers or devices, make sure the IP addresses are outside of	DHCP Lease Time :	10080 (minutes)	
	this range or you may have an IP conflict.	Always broadcast :	(compatibility for so	ome DHCP Clients)
		NetBIOS announcement :		
DHCP Lease Time:	The length of time for the IP address lease. Enter the Lease time	Learn NetBIOS from WAN :		
	in minutes.	NetBIOS Scope :		(optional)
Always Broadcast:	Enable this feature to broadcast your networks DHCP server to LAN/WLAN clients.	NetBIOS node type :	Point-to-Point (no t Mixed-mode (Broad	cast then Point-to-Point)
NetBIOSAnnouncement:	NetBIOS allows LAN hosts to discover all other computers within the network, enable this feature to allow the DHCP Server to offer NetBIOS configuration settings.	Primary WINS IP Address : Secondary WINS IP Address :	C Hybrid (Point-to-Po	nt then Broadcast)

- LearnNetBIOSfromWAN: Enable this feature to allow WINS information to be learned from the WAN side, disable to allow manual configuration.
 - NetBIOS Scope: This feature allows the configuration of a NetBIOS'domain' name under which network hosts operates. This setting has no effect if the 'Learn NetBIOS information from WAN' is activated."
- NetBIOS Mode Type: Select the different type of NetBIOS node: Broadcast only, Point-to-Point, Mixed-mode, and Hybrid.
- Primary/Secondary/WINS Enter your Primary (and Secondary) WINS IP address(es). IP Address:

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DHCP Reservation

If you want a computer or device to always have the same IP address assigned, you can create a DHCP reservation. The router will assign the IP address only to that computer or device.

Note: This IP address must be within the DHCP IP Address Range.

Enable: Check this box to enable the reservation.

- Computer Name: Enter the computer name or select from the drop-down menu and click <<.
 - IP Address: Enter the IP address you want to assign to the computer or device. This IP Address must be within the DHCP IP Address Range.
 - MAC Address: Enter the MAC address of the computer or device.
- CopyYourPC's MAC If you want to assign an IP address to the computer you are Address: currently on, click this button to populate the fields.
 - Save: Click **Save** to save your entry. You must click **Save Settings** at the top to activate your reservations.
- NumberofDynamic In this section you can see what LAN devices are currently DHCP Clients: leasing IP addresses.
 - Revoke: Click **Revoke** to cancel the lease for a specific LAN device and free an entry in the lease table. Do this only if the device no longer needs the leased IP address, because, for example, it has been removed from the network.

Note: The Revoke option will not disconnect a PC with a current network session from the network; you would need to use MAC Address Filter to do that. Revoke will only free up a DHCP Address for the very next requester. If the previous owner is still available, those two devices may both receive an IP Address Conflict error, or the second device may still not receive an IP Address; in that case, you may still need to extend the "DHCP IP Address Range" to address the issue, it is located in the DHCP Server section.

Reserve: The Reserve option converts this dynamic IP allocation into a DHCP Reservation and adds the corresponding entry to the DHCP Reservations List.

	Comp	Enable : uter Name :		4	< Computer Na	me -
		IP Address : AC Address :	_			
				PC's MAC Addr	ess	
DHCD RE	SERVAT	TONS LIST -	Save	Clear		
DHCP RE Enable	_	TONS LIST : Name	MAC Ad		IP Addr	ess
Enable	Host		MAC Ad	dress	IP Addr	ess
Enable NUMBER	Host	Name	MAC Ad	dress	JP Addr	955

USB Settings

Use this section to configure your USB port. There are two configurations to choose from: Network USB and WCN Configuration.

Note: If using the Network USB option, users will need to install the Network USB Utility into the computers to share the USB device through the router.

USB Settings: Choose between these two configuration: Network USB and WCN Configuration.

Network USB: Please set the Network USB Detection interval time.

USB SETTINGS	
Use this section to configure your U Network USB and WCN Configuratio	SB port. There are several configurations to choose from: $\eta_{\rm e}$
	temet through the router. Double check the settings you h your Internet Service Provider (ISP) if needed.
Save Settings Don't Save Setting	β
USB SETTINGS	
Choose the type of USB device to b	e plugged into the USB port.
My USB type is :	SharePort
SHAREPORT FOR GUEST ZON	E.
Enable SharePort For Guest Zone :	

Note: Please see the SharePort Manual on the CD for more information.

Virtual Server

The DIR-614 can be configured as a virtual server so that remote users accessing Web or FTP services via the public IP address can be automatically redirected to local servers in the LAN (Local Area Network).

The DIR-614 firewall feature filters out unrecognized packets to protect your LAN network so all computers networked with the DIR-614 are invisible to the outside world. If you wish, you can make some of the LAN computers accessible from the Internet by enabling Virtual Server. Depending on the requested service, the DIR-614 redirects the external service request to the appropriate server within the LAN network.

The DIR-614 is also capable of port-redirection meaning incoming traffic to a particular port may be redirected to a different port on the server computer.

Each virtual service that is created will be listed at the bottom of the screen in the Virtual Servers List. There are pre-defined virtual services already in the table. You may use them by enabling them and assigning the server IP to use that particular virtual service.

For a list of ports for common applications, please visit http://support.dlink.com/faq/view.asp?prod_id=1191.

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This will allow you to open a single port. If you would like to open a range of ports, refer to the next page.

- Name: Enter a name for the rule or select an application from the drop-down menu. Select an application and click << to populate the fields.
- IP Address: Enter the IP address of the computer on your local network that you want to allow the incoming service to. If your computer is receiving an IP address automatically from the router (DHCP), you computer will be listed in the "Computer Name" drop-down menu. Select your computer and click <<.
- Private Port/ Enter the port that you want to open next to Private Port and Public Public Port: Port. The private and public ports are usually the same. The public port is the port seen from the Internet side, and the private port is the port being used by the application on the computer within your local network.

Protocol Type: Select TCP, UDP, or Both from the drop-down menu.

- Inbound Filter: Select Allow All (most common) or a created Inbound filter. You may create your own inbound filters in the Advanced > Inbound Filter page.
 - Schedule: The schedule of time when the Virtual Server Rule will be enabled. The schedule may be set to Always, which will allow the particular service to always be enabled. You can create your own times in the **Tools** > **Schedules** section.

Product Page: DIR-65:	5				Hardwi	ire Version: Bl 🛛	Fimiware Version: 2,00NA
D-Lini	ĸ						\leq
DIR-655		SETUP	ADVANCED	TOOL	5	STATUS	SUPPORT
VIRTUAL SERVER	VIR	TUAL SERVER					Helpful Hints
PORT FORWARDING APPLICATION RULES QOS ENGINE NETWORK FILTER	to an onine	internal LAN JP A e services such as	on alows you to define a address and Private LAN po FTP or Web Servers. nt Seve Settings				Check the Application Name drap downment for a list of predefined sarver types, if you select one of the predefined server types, dick the arrow button next to the droe down
ACCESS CONTROL	-		and the second sec	_			menuto fil out the corresponding field,
	24 -	- VIRTUAL SI	RVERSLIST	-			You can select a compute
INBOUND FILTER			1	Port	Traffic Type		from the list of DHCP
FIREWALL SETTINGS ROLITING	Z	Name FTP	Application Nami 👻	Public Port	Protocol TCP	Schedule Always 😒	diants in the Computer Name drop down monu, or you can manually enter
ADVANCED WIRELESS	1 M	IP Address 192.168.0.100	Computer Name ••	Private Port	-	Inbound Alter	The IP address of the computer at which you would like to open the
W1-FI PROTECTED		Name	Application Name	Public Port	Protocol TCP	Schedule Always	specified port. Select a schedule for
ADVANCED NETWORK		IP Address 0.0.0.0	<d computer="" name="" td="" 💌<=""><td>Private Port</td><td>1</td><td>Inbound Filter</td><td>when the virtual server will be enabled. If you do not see the schedule you</td></d>	Private Port	1	Inbound Filter	when the virtual server will be enabled. If you do not see the schedule you
GLEST ZONE		Name	<< Application Name ->	Public Port	Protocol TCP	Schedule Always	reed in the list of schedules, go to the Trials Schedules
		IP Address		Private Port		Inbound Filter	screen and create a new schedule.

Port Forwarding

This will allow you to open a single port or a range of ports.

- Name: Enter a name for the rule or select an application from the drop-down menu. Select an application and click << to populate the fields.
- IP Address: Enter the IP address of the computer on your local network that you want to allow the incoming service to. If your computer is receiving an IP address automatically from the router (DHCP), you computer will be listed in the "Computer Name" drop-down menu. Select your computer and click <<.
- TCP/UDP: Enter the TCP and/or UDP port or ports that you want to open. You can enter a single port or a range of ports. Seperate ports with a common.

Example: 24,1009,3000-4000

- Inbound Filter: Select Allow All (most common) or a created Inbound filter. You may create your own inbound filters in the Advanced > Inbound Filter page.
 - Schedule: The schedule of time when the Virtual Server Rule will be enabled. The schedule may be set to Always, which will allow the particular service to always be enabled. You can create your own times in the **Tools** > **Schedules** section.

DIR-655	-	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
YIRTIJAL SERVER	POR	T FORWARD	NG RULES :			Helpful Hints
PORTFORWARDING	This	option is used to	open multiple ports or a range	of ports in your route	r and regirect data	Check the Application
APPLICATION RULES	through	igh those ports "	to a single PC on your network.	This feature allows yo	ou to enter ports in	Name drop down menu for a list of predefined
QOS ENGINE		us formats includ 0-5000, 689).	Ing, Port Ranges (100-150), In	aviduar Ports (BU), 68,	aco), or wixed	applications. If you select one of the predefined
ETWORK FILTER		[n	(Antionet all			applications, click the arrow button next to the
CCESS CONTROL	Sav	e Settings 0	rent Save Settings			drop down menu to fill a the corresponding field.
WEBSITE FILTER	_					You can select a comput
INBOUND FILTER	24 -	- PORT FOR	WARDING RULES			from the list of DHCP
FIREWALL SETTINGS				Ports to Open		 clents in the Computer Name drop down menu,
ROLITING		Name		TOP	Schedule	for you can menually entr the IP address of the LA
And in case of the second s		-	Application Name	31 la	Always 💌	computer to which you would like to open the
ADVANCED WIRELESS	I FF			UDP	The later of the state of the s	specified part.
and the second second second		IP Address 0.0.0.0	<	- 10 0	Inbound Filter Allow All	and the section of th
WISH WI-FI PROTECTED		the second second		▼ 0 TO	Allow All 💉	Select a schedule for when the rule will be
WISH WI-FI PROTECTED SETUR		0.D.O.D Name			Alow Al 👻 Schedule Always 💌	Select a schedule for when the rule will be enabled. If you do not see the schedule you
WISH WI-FJ PROTECTED SETUP ADWAWCED NETWORK		0. D.O. D	Application Name	▼ 0 TO	Allow All 💉	Select a schedule for when the rule will be enabled. If you do not see the schedule you meet in the isk of schedules, go to the
ADVANCED VIIPELESS WISH WI-FI PROTECTED SETUR ADVANCED NETWORK GUEST ZONE		0.0.0.0 Name JP Address	Application Name	0 TOP 0 UDP	Allow All 👻 Schedule Aways 💌 Inbound Filter	Select a schedule for when the rule will be enabled. If you do not see the schedule you need in the list of

Application Rules

Some applications require multiple connections, such as Internet gaming, video conferencing, Internet telephony and others. These applications have difficulties working through NAT (Network Address Translation). Special Applications makes some of these applications work with the DIR-614. If you need to run applications that require multiple connections, specify the port normally associated with an application in the "Trigger Port" field, select the protocol type as TCP or UDP, then enter the firewall (public) ports associated with the trigger port to open them for inbound traffic.

The DIR-614 provides some predefined applications in the table on the bottom of the web page. Select the application you want to use and enable it.

- Name: Enter a name for the rule. You may select a pre-defined application from the drop-down menu and click <<.
- Trigger: This is the port used to trigger the application. It can be either a single port or a range of ports.
- Traffic Type: Select the protocol of the trigger port (TCP, UDP, or Both).
 - Firewall: This is the port number on the Internet side that will be used to access the application. You may define a single port or a range of ports. You can use a comma to add multiple ports or port ranges.
- Traffic Type: Select the protocol of the firewall port (TCP, UDP, or Both).
- Schedule: The schedule of time when the Application Rule will be enabled. The schedule may be set to Always, which will allow the particular service to always be enabled. You can create your own times in the **Tools** > **Schedules** section.

			and the second				and the second se
DIR-655	5	етор	ADVANCED	TOOLS	<u>.</u>	STATUS	SUPPORT
VIRTUAL SERVER	APPL	CATION RU	68				Helpful Hints
PORTFORWARDING			open single or multiple ports on	vour route	er when the ro	uter senses data	Lise this feature if you a
APPLICATION RULES	sent to	the Internet	on a "trigger" port or port range ternal network.				trying to execute one of the listed network
QOS ENGINE	umpu	ters un your m	ena retwork.				applications and it is not communicating as
NETWORK FILTER	Save	Settings Di	on't Save Settings				expected.
ACCESS CONTROL	-						 Check the Application Name drop down menu
WEBSITE FILTER	24	APPLICATI	ON RULES				for a list of predefined applications. If you sele
INBOUND FILTER				Port	Traffic Type	Schedule	one of the predefined applications, dick the
FIREWALL SETTINGS				Tripper			arrow button next to the drop down menu to fill p
ROUTING	E.	Name	Application	a	TCP 🔛	Always 💌	the corresponding field.
ADVANCED WIRELESS			Application Name 💌	Frewall	TCP.	Aways 2	Select a schedule for when the service will be
WISH				Thisse			enabled. If you do not
WI-FI PROTECTED	-	Nате	Application	Tribger	TCP 💌		see the schedule you need in the list of
ADVANCED NETWORK			<	Frewall	TCP 💌	Always 💌	schedules, go to the Tools Schedules super and steals a new
				La la	-	1	schedule.
GLEST, ZONE				The Assessment			
GLEST.ZONE		Name	Application	Tripper	TCP 🔛	Always -	INIOPEG.

QoS Engine

The QoS Engine option helps improve your network gaming performance by prioritizing applications. By default the QoS Engine settings are disabled and application priority is not classified automatically.

Product Pape: DIR 655

- Enable StreamEngine: This option is disabled by default. Enable this option for better performance and experience with online games and other interactive applications, such as VoIP.
- DynamicFragmentation: This option should be enabled when you have a slow Internet uplink. It helps to reduce the impact that large low priority network packets can have on more urgent ones.
- AutomaticUplinkSpeed: This option is enabled by default when the QoS Engine option is enabled. This option will allow your router to automatically determine the uplink speed of your Internet connection.
- MeasuredUplinkSpeed: This displays the detected uplink speed.
- Manual Uplink Speed: The speed at which data can be transferred from the router to your ISP. This is determined by your ISP. ISP's often speed as a download/upload pair. For example, 1.5Mbits/284Kbits. Using this example, you would enter 284. Alternatively you can test your uplink speed with a service such as www.dslreports.com.
 - Connection Type: By default, the router automatically determines whether the underlying connection is an xDSL/Frame-relay network or some other connection type (such as cable modem or Ethernet), and it displays the result as Detected xDSL or Frame Relay Network. If you have an unusual network connection in which you are actually connected via xDSL but for which you configure either "Static" or "DHCP" in the Internet settings, setting this option to xDSL or Other Frame Relay Network ensures that the router will recognize that it needs to shape traffic slightly differently in order to give the best performance. Choosing xDSL or Other Frame Relay Network causes the measured uplink speed to be reported slightly lower than before on such connections, but gives much better results.



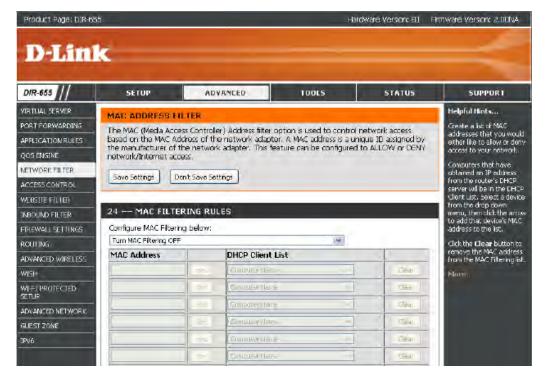
Hardware Version: B1 Firmware Version: 2.00NA.

Detected xDSL: When Connection Type is set to automatic, the automatically detected connection type is displayed here.

Network Filters

Use MAC (Media Access Control) Filters to allow or deny LAN (Local Area Network) computers by their MAC addresses from accessing the Network. You can either manually add a MAC address or select the MAC address from the list of clients that are currently connected to the Broadband Router.

- ConfigureMACFiltering: Select Turn MAC Filtering Off, allow MAC addresses listed below, or deny MAC addresses listed below from the drop-down menu.
 - MAC Address: Enter the MAC address you would like to filter. To find the MAC address on a computer, please refer to the Networking Basics section in this manual.
 - DHCP Client: Select a DHCP client from the drop-down menu and click << to copy that MAC Address.



Access Control

The Access Control section allows you to control access in and out of your network. Use this feature as Parental Controls to only grant access to approved sites, limit web access based on time or dates, and/or block access from applications like P2P utilities or games.

Add Policy: Click the **Add Policy** button to start the Access Control Wizard.

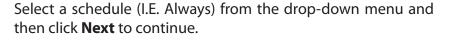


Access Control Wizard

Click **Next** to continue with the wizard.



Enter a name for the policy and then click **Next** to continue.



Enter the following information and then click **Next** to continue.

- Address Type Select IP address, MAC address, or Other Machines.
- **IP Address** Enter the IP address of the computer you want to apply the rule to.





Hardware Version: B1 Rimware Version: 2.00N

Product Page: DIR-655

D-Link

SETUR

STEP 2: SELECT SCHED

Choose a schedule to apply to this policy.

ADVANCED

Details : Shows

Prov Next Save Cancel

DIR-655

IRTUAL SERVER

URT FORWARDING

CESS CONTROL

SITE FILTER

I-FI FROTECTED TUP WANCED NETWO Select the filtering method and then click **Next** to continue.



Enter the rule:

Enable - Check to enable the rule.
Name - Enter a name for your rule.
Dest IP Start - Enter the starting IP address.
Dest IP End - Enter the ending IP address.
Protocol - Select the protocol.
Dest Port Start - Enter the starting port number.
Dest Port End - Enter the ending port number.

D-Lini	C					
DIR-655	SETUP	ADVANCED	TOOLS	STATUS		SUPPORT
IRTUAL SERVER						
ORT FORWARDING	STEP 5: PORT FIL	LTER				
PPLICATION RULES	Add Port Filters Ru	les.				
A COUNTRY	Specify rules to prohi	bit access to specific IP addre	esses and ports.			
OS ENGINE						
	For sinks & imme	Dest P	Dest IP	Destand	Dest Port	
TWORK FILTER	Enable Name	Start	End	Protocol	Dest Port Start	End
TWORK FILTER	Enable Name			Protocol		
etwork filter Ecess Control Erstte filter		Start	End			End
os Engine Etwork Filter CCESS Control Edsite Filter Bound Filter Rewall Settings	Enable Name	Start 0.0.0.0	End 255.255.255.255	Any 💌		etteres
etwork filter Ceess control Ebsite filter Bound filter		Start 0.0.0.0 0.0.0.0	End 255.255.255.255 255.255.255.255	Any 💌		End store: store:
ETWORK FILTER CEESE CONTROL EDSITE FILTER EQUINO FILTER REWALL SETTINGS DUTING		Start 0.0.0.0 0.0.0.0 0.0.0.0	End 255,255,255,255 255,255,255,255 255,255,	Any 😒 Any 😒 Any 😒		End etces etces etces
ETWORK FILTER EESITE FILTER BOLINO FLITER REWALL SETTINGS DUTING DVANCED WIRELESS		Start 0.0.0.0 0.0.0.0 0.0.0.0 0.0.0.0	End 255.255.255.255 255.255.255.255 255.255.	Any 😒 Any 😒 Any 😒		End store: store: store: store:
ETWORK FLETER CEESS CONTROL ERSTTE FILTER BOUND FLETER REWALL SETTINGS DUTING DWANCED WIRDLESS 194		Start 0.0.00 0.0.00 0.0.00 0.0.00 0.0.00 0.0.00	End 205.225.255.255 205.225.255.255 205.225.255.255 205.225.255.255 205.225.255.255	Any 👽 Any 👽 Any 👽 Any 👽 Any 👽		End store: store: store: store: store:
ETWORK FILTER EESITE FILTER BOLINO FLITER REWALL SETTINGS DUTING DVANCED WIRELESS		5tart 9-0-0-0 9-0-0-0 9-0-0-0 9-0-0-0 9-0-0-0 9-0-0-0	End 255,255,255,255 255,255,255 255,255,255	Any •• Any •• Any •• Any •• Any •• Any ••		End ctores ctores ctores ctores ctores ctores

To enable web logging, click **Enable**.

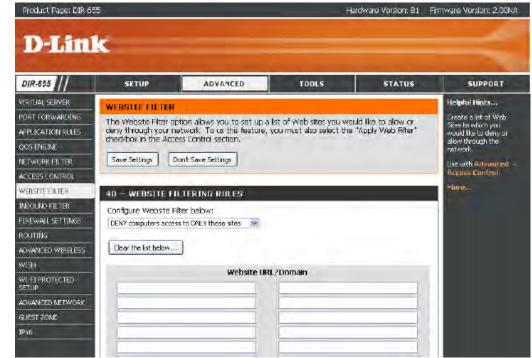
Click Save to save the access control rule.

Select the method for filtering.	
Method :	🖾 Log Web Access Only 🔘 Elock Al Access 询 Block Some Access

Website Filters

Website Filters are used to deny LAN computers from accessing specific web sites by the URL or domain. A URL is a specially formatted text string that defines a location on the Internet. If any part of the URL contains the blocked word, the site will not be accessible and the web page will not display. To use this feature, enter the text string to be blocked and click **Save Settings**. The text to be blocked will appear in the list. To delete the text, click **Clear the List Below**.

Website URL/Domain: Enter the keywords or URLs that you want to block (or allow). Any URL with the keyword in it will be blocked.



Inbound Filters

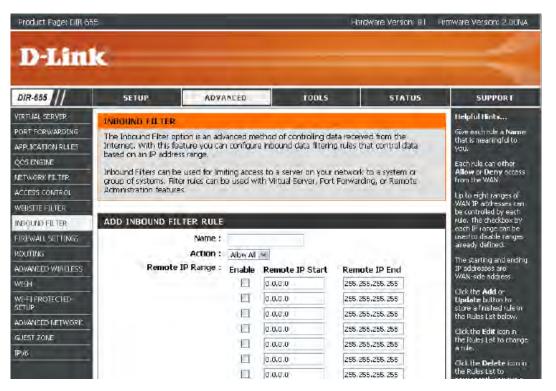
The Inbound Filter option is an advanced method of controlling data received from the Internet. With this feature you can configure inbound data filtering rules that control data based on an IP address range. Inbound Filters can be used with Virtual Server, Port Forwarding, or Remote Administration features.

Name: Enter a name for the inbound filter rule.

Action: Select Allow or Deny.

Enable: Check to enable rule.

- Source IP Start: Enter the starting IP address. Enter 0.0.0.0 if you do not want to specify an IP range.
- Source IP End: Enter the ending IP address. Enter 255.255.255.255 if you do not want to specify and IP range.
 - Save: Click the **Save** button to apply your settings. You must click **Save Settings** at the top to save the settings.
- InboundFilterRulesList: This section will list any rules that are created. You may click the **Edit** icon to change the settings or enable/disable the rule, or click the **Delete** icon to remove the rule.



Firewall Settings

A firewall protects your network from the outside world. The D-Link DIR-614 offers a firewall type functionality. The SPI feature helps prevent cyber attacks. Sometimes you may want a computer exposed to the outside world for certain types of applications. If you choose to expose a computer, you cam enable DMZ. DMZ is short for Demilitarized Zone. This option will expose the chosen computer completely to the outside world.

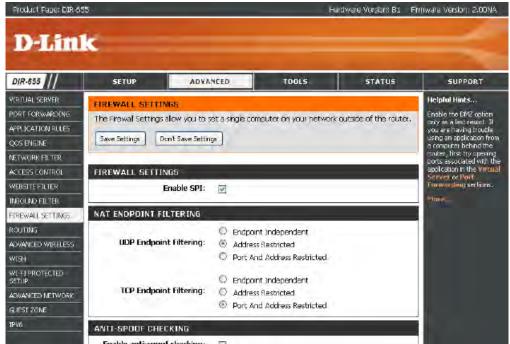
- Enable SPI: SPI (Stateful Packet Inspection, also known as dynamic packet filtering) helps to prevent cyber attacks by tracking more state per session. It validates that the traffic passing through the session conforms to the protocol.
- NAT Endpoint Filtering: Select one of the following for TCP and UDP ports: Endpoint Independent - Any incoming traffic sent to an open port will be forwarded to the application that opened the port. The port will close if idle for 5 minutes.

Address Restricted - Incoming traffic must match the IP address of the outgoing connection.

Address + Port Restriction - Incoming traffic must match the IP address and port of the outgoing connection.

Enable DMZ Host: If an application has trouble working from behind the router, you can expose one computer to the Internet and run the application on that computer.

Note: Placing 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.



IP Address: Specify the IP address of the computer on the LAN that you want to have unrestricted Internet communication. If this computer obtains it's IP address automatically using DHCP, be sure to make a static reservation on the **Basic** > **DHCP** page so that the IP address of the DMZ machine does not change.

Application Level Gateway Configuration

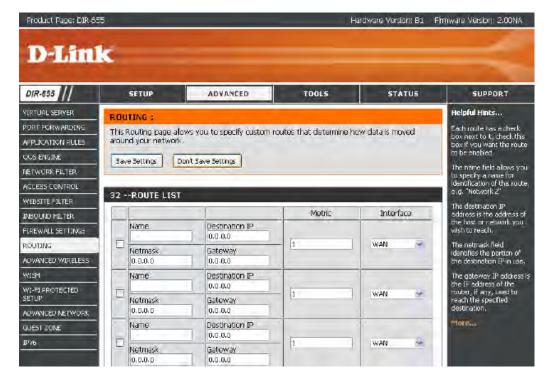
Here you can enable or disable ALG's. Some protocols and applications require special handling of the IP payload to make them work with network address translation (NAT). Each ALG provides special handling for a specific protocol or application. A number of ALGs for common applications are enabled by default.

- PPTP: Allows multiple machines on the LAN to connect to their corporate network using PPTP protocol.
- IPSEC (VPN): Allows multiple VPN clients to connect to their corporate network using IPSec. Some VPN clients support traversal of IPSec through NAT. This ALG may interfere with the operation of such VPN clients. If you are having trouble connecting with your corporate network, try turning this ALG off. Please check with the system administrator of your corporate network whether your VPN client supports NAT traversal.
 - RTSP: Allows applications that use Real Time Streaming Protocol to receive streaming media from the internet. QuickTime and Real Player are some of the common applications using this protocol.
 - SIP: Allows devices and applications using VoIP (Voice over IP) to communicate across NAT. Some VoIP applications and devices have the ability to discover NAT devices and work around them. This ALG may interfere with the operation of such devices. If you are having trouble making VoIP calls, try turning this ALG off.

Routing

The Routing option is an advanced method of customizing specific routes of data through your network.

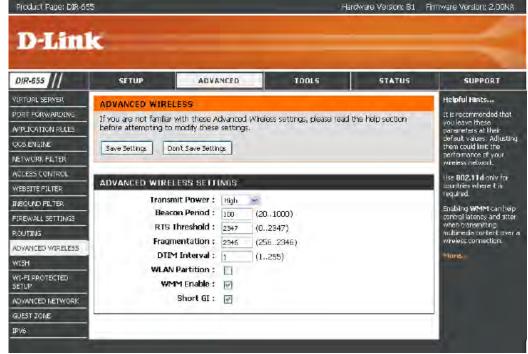
- Destination IP: Enter the IP address of packets that will take this route.
 - Netmask: Enter the netmask of the route, please note that the octets must match your destination IP address.
 - Gateway: Enter your next hop gateway to be taken if this route is used.
 - Metric: The route metric is a value from 1 to 16 that indicates the cost of using this route. A value 1 is the lowest cost and 15 is the highest cost.
 - Interface: Select the interface that the IP packet must use to transit out of the router when this route is used.



Advanced Wireless Settings

Transmit Power: Set the transmit power of the antennas.

- Beacon Period: Beacons are packets sent by an Access Point to synchronize a wireless network. Specify a value. 100 is the default setting and is recommended.
- RTS Threshold: This value should remain at its default setting of 2432. If inconsistent data flow is a problem, only a minor modification should be made.
- Fragmentation The fragmentation threshold, which is specified in bytes, Threshold: determines whether packets will be fragmented. Packets exceeding the 2346 byte setting will be fragmented before transmission. 2346 is the default setting.
- DTIM Interval: (Delivery Traffic Indication Message) 3 is the default setting. A DTIM is a countdown informing clients of the next window for listening to broadcast and multicast messages.
- WMM Function: WMM is QoS for your wireless network. This will improve the quality of video and voice applications for your wireless clients.
 - Short GI: Check this box to reduce the guard interval time therefore increasing the data capacity. However, it's less reliable and may create higher data loss.



WISH Settings

WISH is short for Wireless Intelligent Stream Handling, a technology developed to enhance your experience of using a wireless network by prioritizing the traffic of different applications.

- Enable WISH: Enable this option if you want to allow WISH to prioritize your traffic.
 - HTTP: Allows the router to recognize HTTP transfers for many common audio and video streams and prioritize them above other traffic. Such streams are frequently used by digital media players.
- Windows Media Center: Enables the router to recognize certain audio and video streams generated by a Windows Media Center PC and to prioritize these above other traffic. Such streams are used by systems known as Windows Media Extenders, such as the Xbox 360.
 - Automatic: When enabled, this option causes the router to automatically attempt to prioritize traffic streams that it doesn't otherwise recognize, based on the behaviour that the streams exhibit. This acts to deprioritize streams that exhibit bulk transfer characteristics, such as file transfers, while leaving interactive traffic, such as gaming or VoIP, running at a normal priority.



WISH Rules: A WISH Rule identifies a specific message flow and assigns a priority to that flow. For most applications, the priority classifiers ensure the right priorities and specific WISH Rules are not required.

WISH supports overlaps between rules. If more than one rule matches for a specific message flow, the rule with the highest priority will be used.

Wi-Fi Protected Setup (WPS)

Wi-Fi Protected Setup (WPS) System is a simplified method for securing your wireless network during the "Initial setup" as well as the "Add New Device" processes. The Wi-Fi Alliance (WFA) has certified it across different products as well as manufactures. The process is just as easy, as depressing a button for the Push-Button Method or correctly entering the 8-digit code for the Pin-Code Method. The time reduction in setup and ease of use are quite beneficial, while the highest wireless Security setting of WPA2 is automatically used.

Enable: Enable the Wi-Fi Protected Setup feature.

- LockWireless SecurityLocking the wireless security settings prevents the settings fromSettings:being changed by the Wi-Fi Protected Setup feature of the router.Devices can still be added to the network using Wi-Fi ProtectedSetup. However, the settings of the network will not change once
this option is checked.
 - PIN Settings: A PIN is a unique number that can be used to add the router to an existing network or to create a new network. The default PIN may be printed on the bottom of the router. For extra security, a new PIN can be generated. You can restore the default PIN at any time. Only the Administrator ("admin" account) can change or reset the PIN.

Current PIN: Shows the current value of the router's PIN.

Reset PIN to Restore the default PIN of the router. Default:

Generate New PIN: Create a random number that is a valid PIN. This becomes the router's PIN. You can then copy this PIN to the user interface of the registrar. This Wizard helps you add wireless devices to the wireless

network.



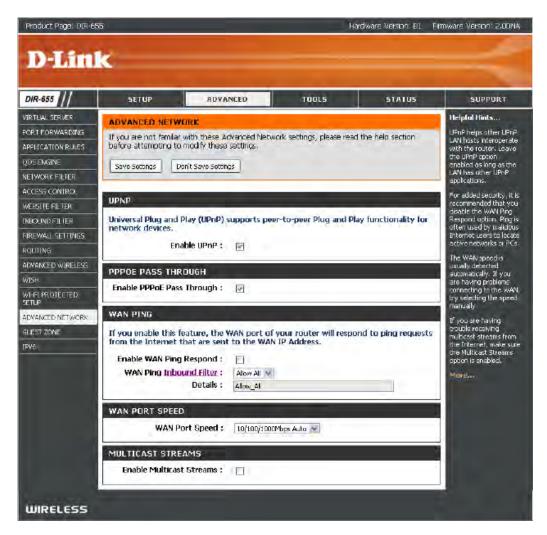
Add Wireless Station: The wizard will either display the wireless network settings to guide you through manual configuration, prompt you to enter the PIN for the device, or ask you to press the configuration button on the device. If the device supports Wi-Fi Protected Setup and has a configuration button, you can add it to the network by pressing the configuration button on the device and then the on the router within 60 seconds. The status LED on the router will flash three times if the device has been successfully added to the network.

There are several ways to add a wireless device to your network. A "registrar" controls access to the wireless network. A registrar only allows devices onto the wireless network if you have entered the PIN, or pressed a special Wi-Fi Protected Setup button on the device. The router acts as a registrar for the network, although other devices may act as a registrar as well.

Add Wireless Device Start the wizard. Wizard:

Advanced Network Settings

- UPnP Settings: To use the Universal Plug and Play (UPnP^{**}) feature click on **Enabled**. UPNP provides compatibility with networking equipment, software and peripherals.
- Internet Ping: Unchecking the box will not allow the DIR-614 to respond to pings. Blocking the Ping may provide some extra security from hackers. Check the box to allow the Internet port to be "pinged".
- Internet Port Speed: You may set the port speed of the Internet port to 10Mbps, 100Mbps, or Auto 10/100/1000Mbps. Some older cable or DSL modems may require you to set the port speed to 10Mbps.
 - Multicast streams: Check the box to allow multicast traffic to pass through the router from the Internet.



Guest Zone

The Guest Zone feature will allow you to create temporary zones that can be used by guests to access the Internet. These zones will be separate from your main wireless network.

Enable Guest Zone: Check to enable the Guest Zone feature.

- Schedule: The schedule of time when the Guest Zone will be active. The schedule may be set to Always, which will allow the particular service to always be enabled. You can create your own times in the **Tools** > **Schedules** section.
- Wireless Network Name: Enter a wireless network name (SSID) that is different from your main wireless network.
- Enable Routing Between Check to allow network connectivity between the different Zones: zones created.
 - Security Mode: Select the type of security or encryption you would like to enable for the guest zone.



IPv6

Link-Local Connectivity

My IPv6 Connection: Select Link-Local Only from the drop-down menu.

LAN IPv6 Address Displays the IPv6 address of the router. Settings:



Static IPv6 (Stateful)

My IPv6 Connection:	Select Static IPv6 from the drop-down menu.	IPV6 CONNECTION TYPE
WAN IPv6 Address Settings:	Enter the address settings supplied by your Internet provider (ISP).	Choose the mode to be used by the router to the IPv6 Internet.
LAN IPv6 Address:	Enter the LAN (local) IPv6 address for the router.	My IPv6 Connection is : State IP ×6
LAN Link-Local Address:	Displays the Router's LAN Link-Local Address.	WAN IPV6 ADDRESS BETTINGS :
Enable Autoconfiguration:	Check to enable the Autoconfiguration feature.	Enter the IPv6 address information provided by your Internet Service Provider (ISP). IPv6 Address :
Autoconfiguration Type:	Select Stateful (DHCPv6) or Stateless . Refer to the next page for Stateless.	Subnet Prefix Length : Defauti Gateway :
IPv6 Address Range Start:	Enter the start IPv6 Address for the DHCPv6 range for your local computers.	Primary DNS Address : Secondary DNS Address :
IPv6 Address Range End:	Enter the end IPv6 Address for the DHCPv6 range for your local computers.	LAN IPv6 ADDRESS SETTINGS ; Use this section to configure the internal network settings of your router. If you change the LAN IPv6 Address
IPv6 Address Lifetime:	Enter the IPv6 Address Lifetime (in minutes).	here, you may need to adjust your PC's network settings to access the network again: LAN IPv6 Address : /64 LAN IPv6 Link-Local Address : FEBD::218:E7FF:#E6A:218E/64 ADDRESS AUTOCONFIGURATION SETTINGS
		Use this section to setup (PV5 Autoconfiguration to assign IP addresses to the computers on your network. Enable Autoconfiguration : Autoconfiguration Type : Statisful (DHCPV6) IPv6 Address Range(Start): /64 IPv6 Address Range(End): /64

Static IPv6 (Stateless)

My IPv6 Connection: Select Static IPv6 from the drop-down menu.

WAN IPv6 Address Enter the address settings supplied by your Internet Settings: provider (ISP).

LAN IPv6 Address: Enter the LAN (local) IPv6 address for the router.

LAN Link-Local Address: Displays the Router's LAN Link-Local Address.

Enable Autoconfiguration: Check to enable the Autoconfiguration feature.

Autoconfiguration Type: Select Stateless. Refer to the previous page for Stateful.

Router Advertisement Enter the Router Advertisement Lifetime (in minutes). Lifetime:

IPV6 CONNECTION TYPE			
Choose the mode to be used b	y the router	to the I	Pv6 Internet.
My IPv6 Connection is :	Static IPv6		
WAN IPV6 ADDRESS SETTIN	IG5 :		
Enter the IPv6 address informa	ition provided	d by you	r Internet Service Provider (ISP).
IPv6 Address :			
Subnet Prefix Length :			
Defauti Gateway :	-		
Primary DNS Address :	-		
Secondary DNS Address :	-		
LAN IPv6 ADDRESS SETTIN	GS:		
Use this section to configure the intern here, you may need to adjust your PC's			outer. If you change the LAN IPv6 Address s the network again.
LAN IPv6 Address :	_		/64
LAN IPv6 Link-Local Address :	FE80::240:F	4FF:FE03	:1A9C/64
ADDRESS AUTOCONFIGURA	FION SETTIN	GS	
Use this section to setup IPv6 Autoconf	lguration to assig	n IP addre	asses to the computers on your network.
Enable Autoconfiguration :	1		
Autoconfiguration Type :	Stateless		
Router Advertisement Lifetime:	30		(mnutes)

DHCPv6 (Stateful)

My IPv6 Connection:	Select DHCPv6 from the drop-down menu.	IPV6 CONNECTION TYPE		
IPv6 DNS Settings:	Select either Obtain DNS server address automatically or Use the following DNS Address .	Choose the mode to be used b My IPv6 Connection is :		2v6 Internet.
Primary/Secondary DNS Address:	Enter the primary and secondary DNS server addresses.	IPv6 DNS SETTINGS : Obtain DNS server address auto	amptically or outer a c	nocific DNE contor address
LAN IPv6 Address:	Enter the LAN (local) IPv6 address for the router.	and the second s	Obtain DNS server add Use the following DNS	ress automatically
LAN Link-Local Address:	Displays the Router's LAN Link-Local Address.	Primary DNS Address : Secondary DNS Address :	Use the fullowing this	autoress
Enable Autoconfiguration:	Check to enable the Autoconfiguration feature.	LAN IPv6 ADDRESS SETTIN	3 S :	
Autoconfiguration Type:	Select Stateful (DHCPv6) or Stateless . Refer to the next page for Stateless.	Use this section to configure the interna here, you may need to adjust your PC's LAN IPv6 Address :		the network again.
IPv6 Address Range Start:	Enter the start IPv6 Address for the DHCPv6 range for your local computers.	LAN IPv6 Link-Local Address : ADDRESS AUTOCONFIGURAT	and the second sec	3:1A9C/64
IPv6 Address Range End:	Enter the end IPv6 Address for the DHCPv6 range for your local computers.	Use this section to setup IPv6 Autoconfi Enable Autoconfiguration : Autoconfiguration Type :	guration to assign JP addres	sses to the computers on your network.
IPv6 Address Lifetime:	Enter the IPv6 Address Lifetime (in minutes).	IPv6 Address Range(Start): IPv6 Address Range(End): IPv6 Address Lifetime:	30	n n (minutes)

DHCPv6 (Stateless)

•		IPv6 CONNECTION
IPv6 DNS Settings:	Select either Obtain DNS server address automatically or Use the following DNS Address .	Choose the mode t
Primary/Secondary DNS	Enter the primary and secondary DNS server	My IPv6 Con
	addresses.	IPV6 DNS SETTIN
LAN IPv6 Address:	Enter the LAN (local) IPv6 address for the router.	Obtain DNS server a
LAN Link-Local Address:	Displays the Router's LAN Link-Local Address.	
Enable Autoconfiguration:	Check to enable the Autoconfiguration feature.	Primary DNS

Autoconfiguration Type: Select Stateless. Refer to the previous page for Stateful.

My IPv6 Connection: Select DHCPv6 from the drop-down menu.

Router Advertisement Enter the Router Advertisement Lifetime (in minutes). Lifetime:

IPv6 CONNECTION TYPE				
Choose the mode to be used b	y the router t	o the IPv	6 Internet.	
No Mar Connection in .	In long	-		
My IPv6 Connection is :	DHCPv6		-	
TPV6 DNS SETTINGS :				
Obtain DNS server address auto	omatically or e	nter a sp	ecific DNS server	address.
e	Obtain DNS se	rver addre	ss automatically	
0	Use the follow	ing DNS a	ddress	
Primary DNS Address :				
Secondary DNS Address :				
LAN IPv6 ADDRESS SETTING Use this section to configure the interne here, you may need to adjust your PC's	al network settings			e LAN IPv6 Addres
LAN IPv6 Address :	-		/64	
LAN IPv6 Link-Local Address :	FE80::218:E7	FF:FE6A:	and the second se	
ADDRESS AUTOCONFIGURA			es to the computers	on your network.
Enable Autoconfiguration :	R			
Autoconfiguration Type :	Stateless	-		
Router Advertisement Lifetime:	30	(minutes)	

IPv6 over PPPoE (Stateful)

My IPv6 Connection: Select PPPoE from the drop-down menu.

PPPoE: Enter the PPPoE account settings supplied by your Internet provider (ISP).

Address Mode: Select Static if your ISP assigned you the IP address, subnet mask, gateway, and DNS server addresses. In most cases, select **Dynamic**.

IP Address: Enter the IP address (Static PPPoE only).

User Name: Enter your PPPoE user name.

Password: Enter your PPPoE password and then retype the password in the next box.

Service Name: Enter the ISP Service Name (optional).

Reconnection Mode: Select either Always-on, On-Demand, or Manual.

MTU: Maximum Transmission Unit - you may need to change the MTU for optimal performance with your specific ISP. 1500 is the default MTU.

Maximum Idle Time: Enter a maximum idle time during which the Internet connection is maintained during inactivity. To disable this feature, enable Auto-reconnect.

IPv6 DNS Settings: Select either Obtain DNS server address automatically or Use the following DNS Address.

Primary/Secondary DNS Enter the primary and secondary DNS server addresses. Address:

LAN IPv6 Address: Enter the LAN (local) IPv6 address for the router.

LAN Link-Local Address: Displays the Router's LAN Link-Local Address.

Enable Autoconfiguration: Check to enable the Autoconfiguration feature.

hoose the mode to be used b	and a	Station Courses
	y the route	r to the IPv6 Internet.
My IPv6 Connection is :	PPPoE.	8
adman -	_	
PPPOE :	-	
Enter the information provided	by your In	ternet Service Provider (ISP).
	~	
Address Mode IP Address :	Uynam	c IP () Static IP
User Name :	0	1
Password :		
Verify Password :		
Service Name ;		(cptional)
Reconnect Mode ;	O Always	on (S) On demand (C) Manual
Maximum Idle Time :	5	(minutes, O=infinite)
MTU :	1492	(bytes)
	Obtain DNS	server address automatically
2	Use the foll	owing DNS address
2	Use the foll	bwing DNS address
Ð	Use the foll	DWing DNS address
Primary DNS Address : Secondary DNS Address :		Diving DNB address
Primary DNS Address : Secondary DNS Address :		birding DNB address
Primary DNS Address : Secondary DNS Address : LAN 1996 ADDRESS SETTIN Use bits setion to configure the intervi-	GS ::	ngs of your router. If you change the LAN 1946 Addres
Primary DNS Address : Secondary DNS Address : LAN 1PV6 ADDRESS SETTIN Use Bits section to configure the interva here, you may need to adjust your PC's	65 : al network seti network setti	ngs of your router. If you change the LAN IPv6 Addres ngs to access the network again.
Primary DNS Address : Secondary DNS Address : LAN 1PV6 ADDRESS SETTIN Use this section to configure the interva- here, you may need to adjust your PC's LAN 1Pv6 Address ;	GS :: el network setti network setti 2002:0:0:00	ngs of your router. If you change the LAN IPv6 Addres ngs to access the network again. 01::1 /64
Primary DNS Address : Secondary DNS Address : LAN 1PV6 ADDRESS SETTIN Use bits section to configure the interva here, you may need to adjust your PC's	GS :: el network setti network setti 2002:0:0:00	ngs of your router. If you change the LAN IPv6 Addres ngs to access the network again.
Primary DNS Address : Secondary DNS Address : LAN 1PV6 ADDRESS SETTIN Use this section to configure the interva- here, you may need to adjust your PC's LAN 1Pv6 Address ;	65 :: d network seti network setti 2002;0;0;00 FEBD::218	higs of your router. If you change the LAN IPv6 Addres ngs to access the network again. 01::1 /64 :E 7FF #E6A;21BE/64
Primary DNS Address : Secondary DNS Address : LAN IPV6 ADDRESS SETTIN Use this section to configure the intervi- here, you may need to adjust your PC's LAN IPV6 Address ; LAN IPV6 Link-Local Address ; ADDRESS AUTOCONFIGURAT	65 : dinetwork setti network setti 2002i0:00:00 FEBD::218 FIDN SETT	higs of your router. If you change the LAN IPv6 Addres ngs to access the network again. 01::1 /64 :E 7FF #E6A;21BE/64
Primary DNS Address : Secondary DNS Address : LAN IPV6 ADDRESS SETTIN Use this section to configure the intervi- here, you may need to adjust your PC's LAN IPV6 Address ; LAN IPV6 Link-Local Address ; ADDRESS AUTOCONFIGURAT	GS :: al network setti network setti 2002/0:00/00 FEBD::218 FIDN SETT Iguradon to as	ngs of your router. If you change the LAN IPv6 Addres ngs to access the network again. 01::1 /64 :E 7FF #E6A:21BE/64 INGB:
Primary DNS Address : Secondary DNS Address : LAN IPV6 ADDRESS SETTIN Use this section to configure the intervi- here, yournay need to adjust your PC's LAN IPV6 Address : LAN IPV6 Link-Local Address : ADDRESS AUTOC ONFIGURAT Use this section to secup IPV6 Autoconfigure	GS :: al network setti network setti 2002/0:00/00 FEBD::218 FIDN SETT Iguradon to as	ngs of your router. If you change the LAN IPv6 Addres ngs to access the network again. 01::1 /64 :E 7FF FE6A;21BE/64 INGB: aga IP addresses to the computers on your network.
Primary DNS Address : Secondary DNS Address : LAN IPV6 ADDRESS SETTIN Use this section to configure the intervi- here, yournay need to adjust your PC's LAN IPV6 Address : LAN IPV6 Link-Local Address : ADDRESS AUTOCONFIGURAT Use this section to scoup IPV6 Autoconfi Enable Autoconfiguration :	65 : el network setti network setti 2002:0:00:00 FEBD::218 FIDN SETT iguración to as	higs of your router. If you change the LAN IPv6 Addres ngs to access the network again. 01::1 /64 :E 7FF #E6A;21BE/64 INGS sign IP addresses to the computers on your network.
Primary DNS Address : Secondary DNS Address : LAN IPV6 ADDRESS SETTIN Use this section to configure the interva- here, you may need to adjust your PC's LAN IPV6 Address : LAN IPV6 Link-Local Address : ADDRESS AUTOCONFIGURAT Use this section to secup IPV6 Autoconfi Enable Autoconfiguration : Autoconfiguration Type :	65 : al network setti network setti 2002:0:0000 FEBD::218: FIDN SETT iguracon to as Stateful (DH Stateful (DH	ngs of your router. If you change the LAN IPv6 Addres ngs to access the network again. 01::1 /64 :E 7FF #E6A;21BE/64 INGS sign IP addresses to the computers on your network kCPv6)

Autoconfiguration Type: Select Stateful (DHCPv6) or Stateless. Refer to the next page for Stateless.

IPv6 Address Range Start: Enter the start IPv6 Address for the DHCPv6 range for your local computers.

IPv6 Address Range End: Enter the end IPv6 Address for the DHCPv6 range for your local computers.

IPv6 Address Lifetime: Enter the IPv6 Address Lifetime (in minutes).

IPv6 over PPPoE (Stateless)

My IPv6 Connection: Select PPPoE from the drop-down menu.

PPPoE: Enter the PPPoE account settings supplied by your Internet provider (ISP).

- Address Mode: Select Static if your ISP assigned you the IP address, subnet mask, gateway, and DNS server addresses. In most cases, select **Dynamic**.
 - IP Address: Enter the IP address (Static PPPoE only).
 - User Name: Enter your PPPoE user name.
 - Password: Enter your PPPoE password and then retype the password in the next box.
- Service Name: Enter the ISP Service Name (optional).
- **Reconnection Mode:** Select either **Always-on**, **On-Demand**, or **Manual**.
- **Maximum Idle Time:** Enter a maximum idle time during which the Internet connection is maintained during inactivity. To disable this feature, enable Auto-reconnect.
 - **MTU:** Maximum Transmission Unit you may need to change the MTU for optimal performance with your specific ISP. 1500 is the default MTU.
- IPv6 DNS Settings: Select either Obtain DNS server address automatically or Use the following DNS Address.
- Primary/Secondary DNS Enter the primary and secondary DNS server addresses. Address:

LAN IPv6 Address: Enter the LAN (local) IPv6 address for the router.

LAN Link-Local Address: Displays the Router's LAN Link-Local Address.

hoose the mode to be used b	by the router to the IPv6 Internet.
My IPv6 Connection is :	PPPoE -
PPOE :	
nter the information provided	d by your Internet Service Provider (ISP).
Address Mode	Oynamic IP Static IP
IP Address :	0.0,0.0
User Name :	
Password :	
Verify Password :	
Service Name :	(optional)
Reconnect Mode :	O Always on @ On demand @ Manual
Maximum Idle Time :	5 (minutes, 0=infinite)
MTU :	1492 (bytes)
	omatically or enter a specific DNS server address.
btain DNS server address aut	Obtain DNS server address automatically
btain DNS server address aut @ @	Obtain DNS server address automatically Use the following DNS address
btain DNS server address aut @ @ Primary DNS Address :	Obtain DNS server address automatically Use the following DNS address
btain DNS server address aut @ @	Obtain DNS server address automatically Use the following DNS address
btain DNS server address aut @ @ Primary DNS Address : Secondary DNS Address :	Obtain DNS server address automatically Use the following DNS address 192, 163,0-1 0, 5,0-0
btain DNS server address aut Primary DNS Address : Secondary DNS Address SETTIN AN IPv6 ADDRESS SETTIN e this section to configure the intern	Obtain DNS server address automatically Use the following DNS address 192, 163,0-1 0, 5,0-0
btain DNS server address aut Primary DNS Address : Secondary DNS Address SETTIN AN IPv6 ADDRESS SETTIN e this section to configure the intern	Obtain DNS server address automatically Use the following DNS address 152, 168,0, 1 0, 5, 0, 1 GS : al network settings of your router, IF you change the LAN IPy6 Address s network settings to access the network again.
btain DNS server address aut Primary DNS Address : Secondary DNS Address : AN IPv6 ADDRESS SETTIN e this section to configure the intern re, you may need to adjust your PC's LAN IPv6 Address :	Obtain DNS server address automatically Use the following DNS address 152, 165,0, 1 0, 5, 0, 10 GS : Painter of your router, If you change the LAN IPv6 Address incluonic settings to access the network again.
btain DNS server address aut Primary DNS Address : Secondary DNS Address : Secondary DNS Address : AN IPv6 ADDRESS SETTIN e this section to configure the intem re, you may need to adjust your PC's LAN IPv6 Address : AN IPv6 Link-Local Address :	Obtain DNS server address automatically Use the following DNS address 192, 163,0,1 0,5,0,0 GS : In retwork settings of your router. [F you change the LAN IPv6 Address is network settings to access the network again. 2002;0:0:0001::1 /64 FEB0::240:F4FF:FE03:1A9C/64
Ditain DNS server address aut Primary DNS Address : Secondary DNS Address : Secondary DNS Address : AN IPv6 ADDRESS SETTIN e this section to configure the intem re, you mey need to adjust your PC LAN IPv6 Address : AN IPv6 Link-Local Address : DDRESS AUTOCONFIGURA	Obtain DNS server address automatically Use the following DNS address 192, 163,0,1 0,5,0,0 GS : In retwork settings of your router. [F you change the LAN IPv6 Address is network settings to access the network again. 2002;0:0:0001::1 /64 FEB0::240:F4FF:FE03:1A9C/64
btain DNS server address aut Primary DNS Address : Secondary DNS Address : AN IPV6 ADDRESS SETTIN te this section to configure the intem re, you mey need to adjust your PC LAN IPV6 Address : AN IPv6 Link-Local Address : DDRESS AUTOCONFIGURA	Obtain DNS server address automatically Use the following DNS address 150,163,0,1 0,0,0,0 IGS : al network settings of your router. [F you change the LAN IPv6 Address network settings to access the network again. 2002;0:0:00001::1 /64 FE80::240:F4FF:FE03:1A9C/64 TION SETTINGS figuration to assign IP addresses to the computers on your network.
Primary DNS Address : Secondary DNS Address : AN IPV6 ADDRESS SETTIN se this section to configure the interm ere, you may need to adjust your PC's LAN IPV6 Address : AN IPV6 Link-Local Address : NDRESS AUTOCONFIGURA se this section to setup IPv6 Autoconfigure	Obtain DNS server address automatically Use the following DNS address 152,163,0,1 0,0,0,0 IGS : al network settings of your router. IF you change the LAN IPv6 Address network settings to access the network again. 2002;0:0:0001::1 /64 FE80::240:F4FF:FE03:1A9C/64 TION SETTINGS figuration to assign IP addresses to the computers on your network. IST Stateless

Enable Autoconfiguration: Check to enable the Autoconfiguration feature.

Autoconfiguration Type: Select Stateful (DHCPv6) or Stateless.

Router Advertisement Lifetime: Enter the Router Advertisement Lifetime (in minutes).

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Section 3 - Configuration

6 to 4 Tunneling (Stateful)

My IPv6 Connection: Select 6 to 4 from the drop-down menu.

- **6 to 4 Settings:** Enter the IPv6 settings supplied by your Internet provider (ISP).
- Primary/Secondary DNS Enter the primary and secondary DNS server addresses. Address:

LAN IPv6 Address: Enter the LAN (local) IPv6 address for the router.

LAN Link-Local Address: Displays the Router's LAN Link-Local Address.

Enable Check to enable the Autoconfiguration feature. **Autoconfiguration:**

- Autoconfiguration Type: Select Stateful (DHCPv6) or Stateless. Refer to the next page for Stateless.
 - IPv6 Address Range Enter the start IPv6 Address for the DHCPv6 range for your Start: local computers.
 - IPv6 Address Range Enter the end IPv6 Address for the DHCPv6 range for your End: local computers.

IPv6 Address Lifetime: Enter the IPv6 Address Lifetime (in minutes).

IPV6 CONNECTION TYPE		
Choose the mode to be used b	y the router to th	e IPv6 Internet.
My IPv6 Connection is :	6 to 4	•)
6to4 SETTINGS :		
Enter the IPv6 address informa	ation provided by	your Internet Service Provider
6to4 Address :	0:0:0:0:0:0:0:0	
Primary DNS Address :	1 Contraction of the second	
Secondary DNS Address :	-	
Use this section to configure the intern	al network setings of yo	
Use this section to configure the intern	al network setings of yo s network settings to ac	
Use this section to configure the intern here, you may need to adjust your PC's LAN IPv6 Address :	al network setings of yo s network settings to ac 2002:0:0:0001	cess the network again.
Use this section to configure the intern here, you may need to adjust your PC's LAN IPv6 Address : LAN IPv6 Link-Local Address ;	al network setings of yo s network settings to ac 2002:0:0: 0001 FEB0::240:F4FF:FI	cess the network again.
Use this section to configure the intern here, you may need to adjust your PC's LAN IPv6 Address : LAN IPv6 Link-Local Address ; ADDRESS AUTOCONFIGURA	al network setings of yo snetwork settings to ac 2002:0:0:0001 FE80::240:F4FF:FI FION SETTINGS	cess the network again. ::1/64 E03:1A9C/64
Use this section to configure the intern here, you may need to adjust your PC's LAN IPv6 Address : LAN IPv6 Link-Local Address ; ADDRESS AUTOCONFIGURA	al network settings of yo snetwork settings to ac 2002:0:0: 0001 FE80::240:F4FF:FI FION SETTINGS	cess the network again. ::1/64 E03:1A9C/64
Use this section to configure the intern here, you may need to adjust your PC's LAN IPv6 Address : LAN IPv6 Link-Local Address : ADDRESS AUTOCONFIGURA Use this section to setup IPv6 Autoconf	al network settings of yo snetwork settings to ac 2002:0:0: 0001 FE80::240:F4FF:FI FION SETTINGS	tess the network again. ::1/64 E03:1A9C/64 ddresses to the computers on your net
Use this section to configure the intern here, you may need to adjust your PC's LAN IPv6 Address : LAN IPv6 Link-Local Address : ADDRESS AUTOCONFIGURA Use this section to setup IPv6 Autoconfi Enable Autoconfiguration :	al network setings of yo snetwork settings to ac 2002:0:0:0001 FE80::240:F4FF:FI FION SETTINGS figuration to assign IP a	tess the network again. ::1/64 E03:1A9C/64 ddresses to the computers on your net
LAN IPv6 Link-Local Address : ADDRESS AUTOCONFIGURA Use this section to setup IPv5 Autoconfi Enable Autoconfiguration : Autoconfiguration Type :	al network setings of yo snetwork settings to ad 2002:0:0:0001 FEB0::240:F4FF:FI FION SETTINGS figuration to assign IP a Stateful (DHCPv6)	cess the network again. ::1/64 E03:1A9C/64 ddresses to the computers on your net

6 to 4 Tunneling (Stateless)

My IPv6 Connection: Select 6 to 4 from the drop-down menu.

- **6 to 4 Settings:** Enter the IPv6 settings supplied by your Internet provider (ISP).
- Primary/Secondary DNS Enter the primary and secondary DNS server Address: addresses.

LAN IPv6 Address: Enter the LAN (local) IPv6 address for the router.

LAN Link-Local Address: Displays the Router's LAN Link-Local Address.

Enable Autoconfiguration: Check to enable the Autoconfiguration feature.

Autoconfiguration Type: Select Stateless. Refer to the previous page for Stateful.

Router Advertisement Enter the Router Advertisement Lifetime (in minutes). Lifetime:

Choose the mode to be used t			
	by the router to	the IPv6 In	ternet.
My IPv6 Connection is :	6 to 4		
6to4 SETTINGS :			
		2.4	
Enter the IPv6 address inform	ation provided	by your Inte	met Service Provider (IS
6to4 Address :	0:0:0:0:0:0:0:0:0	a	
Primary DNS Address :		-	
Secondary DNS Address :			
LAN IPV6 ADDRESS SETTIN	G S :		
Use this section to configure the intern here, you may need to adjust your PC			
LAN IPv6 Address :	2002:0:0: 000	1 ::1/6	4
LAN IPv6 Link-Local Address :	FE80::240:F4F	F:FE03:1A9C	

IPv6 in IPv4 Tunneling (Stateful)

My IPv6 Connection: Select IPv6 in IPv4 Tunnel from the drop-down menu.

- IPv6 in IPv4 Tunnel Enter the settings supplied by your Internet provider (ISP). Settings:
- LAN IPv6 Address: Enter the LAN (local) IPv6 address for the router.
 - LAN Link-Local Displays the Router's LAN Link-Local Address. Address:

Enable Check to enable the Autoconfiguration feature. **Autoconfiguration:**

- Autoconfiguration Select Stateful. Refer to the previous page for Stateful. Type:
- IPv6 Address Range Enter the start IPv6 Address for the DHCPv6 range for your Start: local computers.
- IPv6 Address Range Enter the end IPv6 Address for the DHCPv6 range for your End: local computers.

Pv6 Address Lifetime: Enter the Router Advertisement Lifetime (in minutes).

IPV6 CONNECTION TYPE

Choose the mode to be used by the router to the IPv6 Internet.

My IPv6 Connection is : IPv6 in IPv4 Tunnel -

IPV6 IN IPV4 TUNNEL SETTINGS :

Enter the IPv6 in IPv4 Tunnel information provided by your Tunnel Broker.

Remote IPv4 Address : Remote IPv6 Address : Local IPv4 Address :

Local IPv6 Address :

Primary DNS Address :

Secondary DNS Address :

LAN IPV6 ADDRESS SETTINGS :

Use this section to configure the internal network settings of your router. If you change the LAN IPv6 Address here, you may need to adjust your PC's network settings to access the network again.

LAN IPv6 Address : /64 LAN IPv6 Link-Local Address : FE80::240:F4FF:FE03:1A9C/64

ADDRESS AUTOCONFIGURATION SETTINGS

Use this section to setup IPv6 Autoconfiguration to assign IP addresses to the computers on your network:

Enable Autoconfiguration :	1		
Autoconfiguration Type :	Stateful (DH	CPv6) +	
IPv6 Address Range(Start):	1		:
IPv6 Address Range(End):			:
IPv6 Address Lifetime:	30	(minutes)	

IPv6 in IPv4 Tunneling (Stateless)

My IPv6 Connection: Select IPv6 in IPv4 Tunnel from the drop-down menu.

IPv6 in IPv4 Tunnel Enter the settings supplied by your Internet provider Settings: (ISP).

LAN IPv6 Address: Enter the LAN (local) IPv6 address for the router.

LAN Link-Local Address: Displays the Router's LAN Link-Local Address.

Enable Check to enable the Autoconfiguration feature. Autoconfiguration:

Autoconfiguration Type: Select Stateful (DHCPv6) or Stateless. Refer to the next page for Stateless.

IPv6 Address Lifetime: Enter the IPv6 Address Lifetime (in minutes).

Т	PV6	COL	EC1	TON	TYPE

Choose the mode to be used by the router to the IPv6 Internet.

My IPv6 Connection is : IPv6 in IPv4 Tunnel +

IPv6 in IPv4 TUNNEL SETTINGS :

Enter the IPv6 in IPv4 Tunnel information provided by your Tunnel Broker.

Remote IPv4 Address : Remote IPv6 Address :

Local IPv4 Address :

Local IPv6 Address :

Primary DNS Address :

Secondary DNS Address :

LAN IPV6 ADDRESS SETTINGS :

Use this section to configure the internal network setings of your router. If you change the LAN IPv6 Address here, you may need to adjust your PC's network settings to access the network again.

LAN IPv6 Address : /64 LAN IPv6 Link-Local Address : FE80::240:F4FF:FE03:1A9C/64 ADDRESS AUTOCONFIGURATION SETTINGS Use this section to setup IPv6 Autoconfiguration to assign IP addresses to the computers on your network.

Enable Autoconfiguration :	V	
Autoconfiguration Type :	Stateless	
Router Advertisement Lifetime:	30	(minutes)

Stateless Autoconfiguration (Stateless)

My IPv6 Connection: Select Stateless Autoconfiguration from the drop-down menu.	IPVG CONNECTION TYPE
IPv6 DNS Settings: Enter the settings supplied by your Internet provider (ISP).	Choose the mode to be used by the router to the IPv6 Internet. My IPv6 Connection is : Stateless Autoconfiguration
LAN IPv6 Address: Enter the LAN (local) IPv6 address for the router.	IPv6 DNS SETTINDS :
LAN Link-Local Displays the Router's LAN Link-Local Address. Address:	Obtain DNS server address automatically or enter a specific DNS server address. Primary DNS Address :
Enable Check to enable the Autoconfiguration feature. Autoconfiguration:	Secondary DNS Address :
	LAN IPV6 ADDRESS SETTINGS :
Autoconfiguration Select Stateless. Refer to the previous page for Stateful. Type:	Use this section to configure the internal network settings of your rotiter. If you change the LAN CPV5 Address here, you may need to adjust your PC's network settings to access the network again.
IPv6 Address Lifetime: Enter the Router Advertisement Lifetime (in minutes).	LAN IPv6 Address : /64 LAN IPv6 Link-Local Address : FE80::218:E7FF:FE6A:218E/64
	ADDRESS AUTOCONFIGURATION SETTINGS
	Lise this section to setup IPv6 Autoconfiguration to assign IP addresses to the computers on your network.
	Enable Autoconfiguration :
	Autoconfiguration Type : Stateless
	Router Advertisement Lifetime: 30 (minutes)

Stateless Autoconfiguration (Stateful)

My IPv6 Connection:	Select Stateless Autoconfiguration from the drop-down menu.	IPV6 CONNECTION TYPE
IPv6 DNS Settings:	Enter the settings supplied by your Internet provider (ISP).	Choose the mode to be used by the router to the IPv6 Internet. My IPv6 Connection is : Stateless Autoconfiguration
LAN IPv6 Address:	Enter the LAN (local) IPv6 address for the router.	IPV6 DNS SETTINGS :
LAN Link-Local Address:	Displays the Router's LAN Link-Local Address.	Obtain DNS server address automatically or enter a specific DNS server address. Primary DNS Address :
Enable Autoconfiguration:	Check to enable the Autoconfiguration feature.	Secondary DNS Address :
		LAN IPV6 ADDRESS SETTINGS :
Autoconfiguration Type:	Select Stateful . Refer to the previous page for Stateful.	Use this section to configure the internal network scange of your router. If you change the LAN IPv6 Address here, you may need to adjust your PC's network settings to access the network again.
IPv6 Address Lifetime:	Enter the start IPv6 Address for the DHCPv6 range for your local computers.	LAN IPv6 Address ; /64 LAN IPv6 Link-Local Address ; FE80::218:E7FF:FE6A:218E/64
-	Enter the end IPv6 Address for the DHCPv6 range for your local computers.	ADDRESS AUTOCONFIGURATION SETTINGS Use this section to setup IPv6 Autoconfiguration to assign IP addresses to the conducers on your natwork.
IPv6 Address Lifetime:	Enter the Router Advertisement Lifetime (in minutes).	Enable Autoconfiguration : Image: Stateful (CHCPy6) Autoconfiguration Type : Stateful (CHCPy6) IPv6 Address Range(Start): ::: IPv6 Address Range(End): ::: IPv6 Address Lifetime: ::: IPv6 Address Lifetime: :::