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D-Link[®]



User Manual

Wireless N 300 Router

DIR-615

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
1.00	September 04, 2019	Initial release.

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Package Contents



If any of the above items are missing or damaged, please contact your local reseller.

Note: Using a power supply with a different voltage rating than the one included with the DIR-615 will cause damage and void the warranty for this product.

System Requirements

Network Requirements	 An Ethernet-based cable or DSL modem IEEE 802.11n or 802.11g wireless clients 10/100 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 10 or higher Firefox 44 or higher Safari 8 or higher Chrome 48 or higher Edge 20.10240 or higher Windows® Users: Make sure you have the latest version of Java
	installed. Visit www.java.com to download the latest version.

Introduction

The D-Link DIR-615 Wireless N 300 Router is an attractive, high-performance router that makes it easy to share broadband Internet connection with all your devices. Simply connect it to your broadband modem, then use the web-based Setup Wizard that guides you step by step through the configuration process. Whether you're surfing the web on your desktop or relaxing on the couch with your laptop, the DIR-615 keeps you connected wherever you are in your home.

The DIR-615 supports the latest wireless protection features to help prevent unauthorized access, be it from over a wireless network or the Internet. Support for WPA[™] and WPA2[™] standards ensure that you will be able to use the best possible encryption regardless of your client devices. In addition, this router is equipped with a dual-active firewall (SPI and NAT) to prevent potential attacks over the Internet.

Features

- Faster Wireless Networking The DIR-615 provides wireless connections of up to 300 Mbps¹ for 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.
- **IPv6 Support** The DIR-615 fully supports IPv6 and includes support for a variety of IPv6 connection types including: SLAAC/DHCPv6, Static IPv6, IPv6 PPPoE, IPv6 Dual Stack, and IPv6 LAN.
- Advanced Firewall Features The web-based user interface displays a number of advanced network management features. Easily apply content filtering based on domain names and MAC addresses.
- Encrypted Multiple/Concurrent Sessions The DIR-615 can pass through VPN sessions. It supports multiple and concurrent IPSec and PPTP sessions, so users behind the DIR-615 can access corporate networks through encrypted channels.
- User-friendly Setup Wizard Through its easy-to-use wizard, the DIR-615 lets you quickly switch itself to one of the following modes: router (for connection to a wired or wireless ISP), access point, repeater, or client, and then configure all needed setting for operation in the selected mode in several simple steps.

¹ 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.

Hardware Overview LED Indicators



1	Internet LED	A solid light indicates a cable is connected on the Internet port. If the light is blinking green, data transmission is in progress. If the LED is off, the cable is not connected.
2	Wireless LED	A solid green light indicates that wireless is enabled. If the light is blinking green, data transmission is in progress.
3	Power LED	A solid light indicates a proper connection to the power supply.

Hardware Overview Back Panel



1	Power Connector	Connector for the supplied power adapter.
2	Internet Port	Using an Ethernet cable, connect your broadband modem to this port.
3	LAN Ports (1-4)	Connect Ethernet devices such as computers, switches, storage (NAS) devices, and game consoles.
4	WPS/Reset Button	Press to start the WPS process and automatically create an encrypted connection to a WPS client. Long press the button to reset the router to default settings.

Installation

This section will walk you through the installation of the DIR-615.

Before you Begin

- Placement of the router is very important. Do not place the router in an enclosed area such as a closet, cabinet, attic, or garage.
- Configure the router with the computer that was last connected directly to your Internet connection. Verify that it is connected to the Internet before connecting additional devices.
- If your ISP provided you with a modem/router combo, you will need to set it to "bridge" mode so the router can work properly. Please contact your ISP or refer to the user manual for your modem/router device.
- 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 Internet Service Provider (ISP) to change connection types (USB to Ethernet).
- If connecting to a DSL modem, make sure to have your DSL service information provided by your Internet Service Provider handy. This information is likely to include your DSL account's Username and Password. Your ISP may also supply you with additional WAN configuration settings which might be necessary to establish a connection.
- If you are connecting a considerable amount of networking equipment, it may be a good idea to take the time to label each cable or take a picture of your existing setup before making any changes.
- 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 (0.5 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 2.4 GHz 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 2.4 GHz phone base is as far away from your wireless devices as possible. The base transmits a signal even if the phone is not in use.

Completing Setup

There are several different ways you can configure your router to connect to the Internet and connect to your clients:

- **D-Link Setup Wizard** This wizard will launch when you log into the router for the first time. Refer to **Setup Wizard** on page **10**.
- **Manual Setup** Log in to the router and manually configure your router. Refer to **Configuration** on page **15**.

Setup Wizard

If this is your first time installing the router, open your web browser and enter **http://dlinkrouter.local./** in the address bar. Alternatively, enter the IP address of the router (default: **http://192.168.0.1**).

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

Click Start to continue.

If your preferred language is English, click **Yes** to confirm. To select a different language for the interface, click **No** and select your language from the list.

To start the full setup wizard, click **Continue** and see page **12**.

To skip the wizard and directly configure the router from default DHCP WAN configuration, click **Advanced Settings.**



X	Maybe your I	anguage is Engl	ish?	
	NO	YES		
You can use advanced	d settings or o	continue configu	ration with the	e Wizard

ADVANCED SETTINGS

CONTINUE

Advanced Settings

Default Settings

These settings allow advanced users to quickly setup the router with a default IPv4 DHCP WAN and a simple SSID. Once configured, the user is taken directly to the full UI and can configure the router according to **Configuration** on page **15**

Defaults

- Admin Password: Enter a new password for the administrator account. You will need to enter this password whenever you configure the router using a web browser.
 - **Network name** Create a name for your 2.4 GHz wireless network using up to 32 **2.4GHz (SSID):** characters.
 - Network name Create a name for your 5 GHz wireless network using up to 32 5GHz (SSID): characters.

Click **Apply** to proceed to the router according to **Configuration** on page **15**

n order to start up, please chang	ge several default settings.
Admin password:*	
	Ø
 Password should be between 	n 1 and 31 ASCII characters
Network name 2.4GHz (SSID DIR-1210-0102)). *
Network name 5GHz (SSID):	*
DIR-1210-0102	

Setup Wizard (cont)

The DIR-615 can operate in five different modes:

- Router Mode
- Access Point Mode
- Client Mode
- Repeater Mode
- WISP Repeater Mode



Router Mode

In Router Mode, the DIR-615 connects to your cable modem, DSL modem, or other Internet source and shares your Internet connection with your devices both wirelessly and over a wired LAN connection, providing Internet access for an entire home or office. Router Mode is suitable for most wired home Internet connections.

Follow the on-screen instructions to complete router mode setup.



Setup Wizard (cont)

AP Mode

In Access Point Mode, the DIR-615 connects your wireless devices together, but does not provide routing functionality. This can be useful if you already have an existing Internet router that does not have built-in wireless capabilities. You can also use this to create a private wireless network without Internet access so that your devices can connect to one another without being exposed to the Internet or other computers.

Follow the on-screen instructions to complete setup.



Repeater Mode

In Repeater Mode, the DIR-615 extends the range of an existing wireless network. You can use this to extend the coverage of an existing wireless router to provide better signal for parts of your home or office that may have poor reception. Additionally, you can use this mode to connect a wired device to a wireless network, which can be useful for devices that do not have a built-in wireless card, such as some smart TVs, game consoles, or DVRs.

Follow the on-screen instructions to complete setup.



Setup Wizard (cont)

Client Mode

In client mode, the DIR-615 connects to a wireless hotspot or existing wireless network and lets you share access to that network with your devices, much like a wireless bridge. This mode is similar to Router mode, but instead of connecting to a cable or DSL modem as your Internet source, the DIR-615 connects to a Wi-Fi hotspot and shares that connection with your devices. You can use this mode to connect one or several wired devices to a wireless network, which can be useful for devices that do not have a built-in wireless card, such as some smart TVs, game consoles, or DVRs. Additionally, it can provide an added layer of isolation when connecting to public hotspots by hiding your computers and devices from other devices on the network, and keeping them in your own private network.

Follow the on-screen instructions to complete setup.

WISP Repeater Mode

In WISP mode, the DIR-615 can be used as a gateway for a Wireless Internet Service Provider's (WISP) Wi-Fi-compatible network. This allows you to extend your provider's Internet access to every corner of your home. Alternatively, this mode can be used to extend an existing wireless network while keeping your LAN behind a NAT firewall. This mode is similar to the Router mode, but instead of connecting to a cable or DSL modem as your Internet source, the DIR-615 connects to the ISP's Wi-Fi network and shares that connection with your devices. Additionally, it can provide an added layer of isolation when connecting to a public network by hiding your computers and devices from other devices on the network, and keeping them in your own private network.

Follow the on-screen instructions to complete setup.



SSID

LAN

Internet

Configuration

To access the configuration utility, open a web-browser such as Internet Explorer and enter **http://dlinkrouter.local./** or you may also connect by typing the IP address of the router (by default this is **http://192.168.0.1**) in the address bar.

If you have already followed the setup wizard or changed the default settings, the login page opens. Enter the username (default username is: **admin**) and the admin password you entered during the wizard. Click **Login** to proceed.

Note: If you cannot remember your password and cannot log in, press the reset button on the bottom of the device for longer than 10 seconds to restore the router to its default settings.

The router's home page will open displaying its current connection status.

The navigation bar at the top of the page has quick access to Settings and Management functions. You may quickly jump back to the Home page at any time.

Note: The system will automatically log out after a period of inactivity.





Home

The Home page displays the current status of the router in the form of an interactive diagram. You can click each icon at the bottom of the screen to display information about each part of the network. The menu bar at the top of the page will allow you to quickly navigate to other pages.

The Home page displays whether or not the router is currently connected to the Internet. If it is disconnected, click on repair to go to the Internet - WAN Configuration page to change your Internet configuration and reconnect to the Internet.

To reconfigure the Internet settings, click on **Edit** or **Change Configuration**. For more information refer to **Internet** on page **19**.

Internet

To bring up more details about your Internet connection, click on the **Internet** icon. Click **IPv4** or **IPv6** to see details of the IPv4 connection and IPv6 connection respectively.

To reconfigure the Internet settings, refer to Internet on page 19.







DIR-615

Click on the **DIR-615** icon to view details about the router and its wireless settings.

Here you can see the router's current Wi-Fi network name and password, as well as the router's MAC address, IPv4 address, and IPv6 address.

To reconfigure the network settings, either click **Go to settings** on the lower left, or click on **Settings** in the navigation bar and then **Network** on the menu that appears. Refer to **Network** on page **63** for more information.

To reconfigure the wireless settings, either click **Go to settings**, on the lower right, or click **Settings** in the navigation bar and then **Wireless** on the menu that appears. Refer to **Wireless network on page 60** for more information.

Internet e	connected				
lick on any element for in	formation				
Tabarash		010.6	15		M6 E elienter
)		
DIR-615					
DIR-615			↔ Wi-Fi Networ	k	
DIR-615	60:63	:4C:51:44:54	Time Wi-Fi Networ Status	rk	Enabled
DIR-615 PIPv4 Network MAC address IP address	60:63	:4C:51:44:54 192.168.0.1	Status Network name (SSID)	rk	Enabled DIR-615-4453
DIR-615 DIR-615 IP 1Pv4 Network MAC address IP address Subnet mask	60:63	:4C:51:44:54 192.168.0.1 55.255.255.0	Wi-Fi Networ Status Network name (SSID) Password	rk	Enabled DIR-615-4453 &
DIR-615	60:63	:4C:51:44:54 192.168.0.1 55.255.255.0	C Wi-Fi Networ Status Network name (SSID) Password	rk	Enabled DIR-615-4453 & *******
DIR-615	60:63	:4C:51:44:54 192.168.0.1 55.255.255.0 fd01::1	WI-FI Network Status Network name (SSID) Password	'k	Enabled DIR-615-4453 &
DIR-615 DIR-615 MAC address IP address Subnet mask Dir JP6 Network IPv6 address DHCPv6 PD	60:63	:4C:51:44:54 192.168.0.1 55.255.255.0 fd01::1 unknown	WI-FI Network Status Network name (SSID) Password	k	Enabled DIR-6154453 &
DIR-615 DIR-615 MAC address IP address Subnet mask IP 1906 Network IP V6 address DHCPv6 PD Prefix	60:63	:4C:51:44:54 192.168.0.1 55.255.255.0 fd01::1 unknown 64	C WI-FI Network Status Network name (SSID) Password	tk	Enabled DIR-615-4453 &*******

Wi-Fi Clients

Click on the **Connected Clients** icon to view details about wireless clients connected to the router.

On this page you can see all the clients currently connected to the router. Such devices are marked by the colored Wi-Fi logo.

To create or edit connection access rules for each client click the pencil icon on the client you want to edit.

Frequency band:	Connection will be denied for this device on this wireless
	frequency band

- SSID: Connection will be denied for this device on this specific SSID
- MAC Address: Connection will be denied for the device with this specific MAC address
 - Hostname: Enter a custom name for this client.

Click **Deny** when you are done.



Add Rule	×
Frequency band	
5 GHz	•
SSID	
DIR-1210-5G-0102	•
() Connection will be denied for specified MAC	
MAC address*	
44:00:10:AF:2C:7C	•
Hostname	
Claires-iPhone	
DE	NY
DE	NY

Settings Wizard

In the Settings menu on the bar on the top of the page, click **Wizard** to open the setup wizard. This is the same wizard that appears when you start the router for the first time. Refer to **Setup Wizard** on page **10** for details. Note that activating the wizard will reset the router to factory defaults.

Internet

In the Settings menu on the bar on the top of the page, click **Internet** to see the Internet configuration options.

WAN

The **WAN** contains information about your current Internet connection settings.

Edit: Click here to be taken to **WAN/Adding** on page **20**. Note that edit does not allow you to change the connection type, only edit connection specific settings. Edit allows you to change settings without losing your current active connection.

Reconnect: Click here to re-initialize the active WAN connection.

Change Click here to be taken to WAN/Adding on page 20. Note thatConfiguration: Change Configuration will allow you to change your connection type and may disrupt active connections.

Advanced Mode: Click here to see a list of Internet WAN connections and their status. You can add, delete or re-initialize a connection

D-LINK R-615 FW:3.0.2	Home	Settings	Functions	Management	
ttings >> Internet >	> WAN				
Dynamic IPv4					
EDIT RECONNECT					
EDIT RECONNECT Status:					Connected
EDIT RECONNECT Status: Interface:					Connected
EDIT RECONNECT Status: Interface: IP address:					Connected Internet
EDIT RECONNECT Status: Interface: IP address: Subnet mask:					Connected Internet 172.17.6.93 255.255.255.255.0

WAN/Adding

This section allows you to configure your WAN interface in detail.

Under Basic, you will see the following:

Connection Type:Select your connection type from drop-down menu:
For Dynamic IPv4 refer to page 21.
For Static IPv4 refer to page 24.
For Dynamic IPv6 refer to page 27.
For Static IPv6 refer to page 30.
For PPPoE refer to page 33.
For PPPoE IPv6 refer to page 37.
For PPPoE Dual Stack refer to page 42.
For PPTP refer to page 47.
For L2TP refer to page 51.

D-Link IR-615 FW:3.0.2	Home	Settings	Functions	Management
ettings >> Internet >	> WAN >> WAN/A	Adding		
	Basic			All Settings
Connection type Dynamic IPv4			•	
MAC address* 60:63:4C:51:44:53	address of your NIC	1		
(B0:83:FE:B	0:C9:06) RE DEFAULT MAC /	ADDRESS		
APPLY				

Note: this option can only be edited in the **WAN/Adding** mode.

Toggle this switch to clone the MAC address of your NIC.

Dynamic IPv4

Select **Dynamic IPv4** to obtain IPv4 address information automatically from your Internet Service Provider (ISP). Choose **Basic** configuration or **All Settings**.

Basic

- MAC address: The default MAC address is set to the Internet port's physical interface MAC address on the router. You can edit that address manually here.
- **Clone MAC** Toggle this switch to clone the MAC address of the device you are address of your using to access the web UI. Note that no two MAC address within the NIC: same subnet can be the same.
- **Restore Default** Click here to restore your router's default MAC address. **MAC Address:**

Click Apply when you are done.

All Settings

Connection Type:Select your connection type from drop-down menu:
For Dynamic IPv4 refer to page 21.
For Static IPv4 refer to page 24
For Dynamic IPv6 refer to page 27
For Static IPv6 refer to page 30
For PPPoE refer to page 33
For PPPoE IPv6 refer to page 37
For PPPoE Dual Stack refer to page 42
For PPTP refer to page 47
For L2TP refer to page 51

Note: this option can only be edited in the WAN/Creating mode.

Home	Settings	Functions	Management
> WAN >> WAN/A	Adding		
Basic			All Settings
		-	
ddress of your NIC D:C9:06)	2		
	ADDRESS		
	Home Home Basic ddress of your NIG :C9:06)	Home Settings > WAN >> WAN/Adding Basic ddress of your NIC 1:C9:06) RE DUSAULT MAC ADDRESS	Home Settings Functions > WAN >> WAN/Adding



Dynamic IPv4 (cont)

Enable Toggle this switch to enable the connection. This is enabled by default.Connection: Disabling this feature may disable your Internet connection.

Miscellaneous

- **NAT:** Toggle this switch to enable Network Address Translation (NAT). This setting is enabled by default.
- **Firewall:** Toggle this switch to enable firewall functionality. This setting is enabled by default.
 - **Ping:** Toggle this switch to enable WAN Ping. This setting is disabled by default.

Isolate Toggle this switch to enable connection isolation. This setting is **connection**: disabled by default.

Ethernet

- MAC address: The default MAC address is set to the Internet port's physical interface MAC address on the router. You can edit that address manually here.
- **Clone MAC** Toggle this switch to clone the MAC address of the device you are address of your using to access the web UI. Note that no two MAC address within the NIC: same subnet can be the same.

Restore Default Click here to restore your router's default MAC address. **MAC Address:**

tungs >> internet >> WAN >	> waw, adding		
В	asic		All Settings
Connection type Dynamic IPv4		Ethernet 60-63-4C-51: Clone (B0:8 MTU* 1500	44:53 NAC address of your NIC 3:FE:80:C9:06) RESTORE DEFAULT MAC ADDRESS
IPv4 Obtain DNS server ad	dresses automatically	Miscellane	ous
Primary DNS		Firew	all
Secondary DNS Vendor ID dslforum.org		Isolat	e connection
Hostname			

Dynamic IPv4 (cont)

MTU: Specify the Maximum Transmission Unit of your Internet connection. You may need to change the MTU for optimal performance with your ISP. The default setting is 1500.

IPv4

Obtain DNSToggle this switch to enable DNS information to be acquiredserver addressesautomatically through DHCP. This setting is enabled by default.automatically:automatically through DHCP. This setting is enabled by default.

Primary DNS Specify the primary DNS server IP address assigned by your ISP. This server: address is usually obtained automatically from your ISP.

- Secondary DNS Specify the secondary DNS server IP address assigned by your ISP. This server: address is usually obtained automatically from your ISP.
 - Vendor ID: Specify a custom vendor ID. (Optional)
 - **Hostname:** Specify a hostname here. This will be the name of your router when viewed from networking tools.

	Home	Settings Fu	nctions Management
tings >> Internet >	> WAN >> WAN/Ad	dding	
			All Sattings
			All Settings
Connection type			Ethernet
Dynamic IPv4			
Enable conne	ection		MAC address* 60:63:4C:51:44:53
			Clone MAC address of your NIC (B0:83:FE:B0:C9:06)
			RESTORE DEFAULT MAC ADDRESS
			MTU*
			1500
IPv4			Miscellaneous
IPv4	server addresses au	itomatically	Miscellaneous
IPv4 Obtain DNS	server addresses au	itomatically	Miscellaneous NAT Firewall
IPv4 Obtain DNS	server addresses au	itomatically	Miscellaneous NAT Firewall Ping
IPv4 Obtain DNS : Primary DNS Secondary DNS	server addresses au	itomatically	Miscellaneous NAT Firewall Ping Isolate connection
IPv4 Obtain DNS Primary DNS Secondary DNS Vendor ID	server addresses au	itomatically	Miscellaneous NAT Firewall Ping Isolate connection
IPv4 Obtain DNS : Primary DNS Secondary DNS Vendor ID dstforum.org	server addresses au	itomatically	Miscellaneous NAT Firewall Ping Isolate connection
IPv4 Cobtain DNS Primary DNS Secondary DNS Vendor ID disforum.org Hostname	server addresses au	itomatically	Miscellaneous NAT Firewall Ping Isolate connection
IPv4 Obtain DNS : Primary DNS Secondary DNS Vendor 10 disforum.org Hostname	server addresses au	itomatically	Miscellaneous NAT Firewall Ping Isolate connection

Static IPv4

Select **Static IP** if your IP information is provided by your Internet Service Provider (ISP). Choose Basic configuration or All Settings.

Basic

MAC address:	The default MAC address is set to the Internet port's physical interface MAC address on the router. You can edit that address manually here.
Clone MAC address of your NIC:	Toggle this switch to clone the MAC address of the device you are using to access the web UI. Note that no two MAC address within the same subnet can be the same.
Restore Default MAC Address:	Click here to restore your router's default MAC address.
IP address:	Specify the IP address provided by your ISP.
Netmask:	Specify the subnet mask provided by your ISP.
Gateway IP address:	Specify the default gateway address provided by your ISP.
Primary DNS server:	Specify the primary DNS server IP address assigned by your ISP.
Secondary DNS server:	Specify the secondary DNS server IP address assigned by your ISP.

D-Link Home Settings Functions Management DIR-1210 HW:A1 FW:3.0.4 Internet Use this section to configure your Internet Connection. Select your connection type and set mandatory parameters. If you are unsure of your connection method, please contact your Internet service provider. Note: If using the PPPoE option, you will need to remove or disable any PPPoE client software on your computers. WAN VLAN DNS Settings >> WAN >> WAN/Creating Basic All Settings Connection type Static IPv4 -MAC address 9C:D6:43:3D:01:02 Clone MAC address of your NIC (70:F3:95:0E:5C:41) IP address* 192.168.23.100 Netmask* 255.255.255.0 Cateway ID address* 192.168.23.1 Primary DNS server* 192.168.23.1 Secondary DNS server () If the connection is created for the IPTV service only and no data on IP O II to Example to Lease to the Level of the Level and the Source on part to data on pre-addressing is given by your ISP, then you can set the following values: IP address = 1.0.0.1, Netmask = 255.255.255,255, Gateway IP address = 1.0.0.2, Primary DNS server = 1.0.0.2

Static IPv4 (cont)

All Settings

Connection Type:Select your connection type from drop-down menu:
For Dynamic IPv4 refer to page 21.
For Static IPv4 refer to page 24
For Dynamic IPv6 refer to page 27
For Static IPv6 refer to page 30
For PPPoE refer to page 33
For PPPoE IPv6 refer to page 37
For PPPoE Dual Stack refer to page 42
For PPTP refer to page 47
For L2TP refer to page 51

Note: this option can only be edited in the WAN/Creating mode.

Enable Toggle this switch to enable the connection. This is enabled by default. **Connection:** Disabling this feature may disable your Internet connection.

Miscellaneous

- **NAT:** Toggle this switch to enable Network Address Translation (NAT). This setting is enabled by default.
- **Firewall:** Toggle this switch to enable firewall functionality. This setting is enabled by default.
 - **Ping:** Toggle this switch to enable WAN Ping. This setting is disabled by default.

Isolate Toggle this switch to enable connection isolation. This setting is **connection:** disabled by default.



Static IPv4 (cont)

Ethernet

MAC address: The default MAC address is set to the Internet port's physical interface MAC address on the router. You can edit that address manually here.

Clone MACToggle this switch to clone the MAC address of the device you areaddress of yourusing to access the web UI. Note that no two MAC address within theNIC:same subnet can be the same.

Restore Default Click here to restore your router's default MAC address. **MAC Address:**

MTU: Specify the Maximum Transmission Unit of your Internet connection. You may need to change the MTU for optimal performance with your ISP. The default setting is 1500.

IPv4

IP address:	Specify the IP address provided by your ISP.
Netmask:	Specify the subnet mask provided by your ISP.
Gateway IP address:	Specify the default gateway address provided by your ISP.
Primary DNS server:	Specify the primary DNS server IP address assigned by your ISP.

Secondary DNS Specify the secondary DNS server IP address assigned by your ISP. server:



Dynamic IPv6

Select **Dynamic IPv6** to obtain IPv6 address information automatically from your Internet Service Provider (ISP). Choose **Basic** configuration or **All Settings**.

Basic

- MAC address: The default MAC address is set to the Internet port's physical interface MAC address on the router. You can edit that address manually here.
- Clone MAC Toggle this switch to clone the MAC address of the device you are using to access the web UI. Note that no two MAC address within the same subnet can be the same.
- **Restore Default** Click here to restore your router's default MAC address. **MAC Address:**
 - Get IPv6: Choose Automatically, IPv6 by DHCPv6, by SLAAC, or DHCPv6 PD according to the type of IPv6 is used by your ISP. The default setting is Automatically.

DIR-615 FW:3.0.2	Home	Settings	Functions	Management
Settings >> Internet >	> WAN >> WAN/A	Adding		
	Basic			All Settings
Connection type				
Dynamic IPv6				
MAC address*				
60:63:4C:51:44:53				
Clone MAC a	ddress of your NIC	2		
(B0:83:FE:B	0:C9:06)			
Get IPv6				
Automatically			+	
APPLY				

Dynamic IPv6 (cont)

All Settings

Connection Type:Select your connection type from drop-down menu:
For Dynamic IPv4 refer to page 21.
For Static IPv4 refer to page 24
For Dynamic IPv6 refer to page 27
For Static IPv6 refer to page 30
For PPPoE refer to page 33
For PPPoE IPv6 refer to page 37
For PPPoE Dual Stack refer to page 42
For PPTP refer to page 47
For L2TP refer to page 51

Note: this option can only be edited in the WAN/Creating mode.

Enable Toggle this switch to enable the connection. This is enabled by default. **Connection:** Disabling this feature may disable your Internet connection.

IPv6

Get IPv6: Choose Automatically, IPv6 by DHCPv6, by SLAAC, or DHCPv6 PD according to the type of IPv6 is used by your ISP. The default setting is Automatically.

Gateway by Toggle this switch to obtain gateway information through SLAAC. **SLAAC:**

Gateway IPv6 If Gateway by SLAAC is disabled, specify the Gateway IPv6 address address: here.

Obtain DNS Toggle this switch to obtain DNS information automatically. **server addresses automatically:**

-615 FW:3.0.2	Home	Settings	Fur	nctions	Management
tings >> Internet >>	> WAN >> WAN/	Adding			
	Basic				All Settings
Connection type Dynamic IPv6			•	Ethe MAC ad	ernet
Enable conne	ection			60:63	4C:51:44:53
					Clone MAC address of your NIC (B0:83:FE:B0:C9:06)
				1500	
IPv6				Misc	ellaneous
Get IPv6 Automatically			÷	-	Firewall
-					Ping
Gateway by S	SLAAC				Isolate connection
Gateway IPv6 addre	:SS				
Obtain DNS s	erver addresses a	automatically			
Primary IPv6 DNS s	erver		۵		
Secondary IPv6 DN	S server				
APPLY					

Dynamic IPv6 (cont)

Primary IPv6 DNS If Obtain DNS server addresses automatically is disabled, specify server: the primary DNS server IP address assigned by your ISP.

Secondary IPv6 If Obtain DNS server addresses automatically is disabled, specify DNS Server: the secondary DNS server IP address assigned by your ISP.

Ethernet

MAC address: The default MAC address is set to the Internet port's physical interface MAC address on the router. You can edit that address manually here.

Clone MACToggle this switch to clone the MAC address of the device you areaddress of yourusing to access the web UI. Note that no two MAC address within theNIC:same subnet can be the same.

Restore Default Click here to restore your router's default MAC address. **MAC Address:**

MTU: Specify the Maximum Transmission Unit of your Internet connection. You may need to change the MTU for optimal performance with your ISP. The default setting is 1500.

Miscellaneous

- **Firewall:** Toggle this switch to enable firewall functionality. This setting is enabled by default.
 - **Ping:** Toggle this switch to enable WAN Ping. This setting is disabled by default.

Isolate Toggle this switch to enable connection isolation. This setting is **connection:** disabled by default.

ings >> Internet >> WAN >> WAN	/Adding	
Basic		All Settings
Connection type Dynamic IPv6	<u>,</u>	Ethernet MC address*
Enable connection		60:63:4C:51:44:53
		(BURSSREEBURC9906)
ΙΡν6		Miscellaneous
Get 19v6 Automatically	•	Firewall
Gateway by SLAAC		Isolate connection
Gateway IPv6 address	۵	
Obtain DNS server addresses	automatically	
Primary IPv6 DNS server	۵	
Secondary IPv6 DNS server	۵	

Static IPv6

Select **Static IP** if your IPv6 information is provided by your Internet Service Provider (ISP). Choose Basic configuration or All Settings.

Basic

MAC address:	The default MAC address is set to the Internet port's physical interface MAC address on the router. You can edit that address manually here.
Clone MAC address of your NIC:	Toggle this switch to clone the MAC address of the device you are using to access the web UI. Note that no two MAC address within the same subnet can be the same.
Restore Default MAC Address:	Click here to restore your router's default MAC address.
IPv6 address:	Specify the IPv6 address provided by your ISP.
Prefix:	Specify the prefix provided by your ISP.
Gateway IPv6 address:	Specify the default gateway address provided by your ISP.
Primary IPv6 DNS server:	Specify the primary DNS server IP address assigned by your ISP.
Secondary IPv6 DNS server:	Specify the secondary DNS server IP address assigned by your ISP.

D-Link DIR-615 FW:3.0.2 Home Settings Functions Management Settings >> Internet >> WAN >> WAN/Adding Basic Static IPv6 MAC address* 60:63:4C:51:44:53 Clone MAC address of your NIC (B0:83:FE:B0:C9:06) IPv6 address* Prefix* Gateway IPv6 address* Primary IPv6 DNS server* Secondary IPv6 DNS server

Static IPv6 (cont)

All Settings

Connection Type:Select your connection type from drop-down menu:
For Dynamic IPv4 refer to page 21.
For Static IPv4 refer to page 24.
For Dynamic IPv6 refer to page 27.
For Static IPv6 refer to page 30.
For PPPoE refer to page 33.
For PPPoE IPv6 refer to page 37.
For PPPoE Dual Stack refer to page 42.
For PPTP refer to page 47.
For L2TP refer to page 51.

Note: this option can only be edited in the WAN/Creating mode.

Enable Toggle this switch to enable the connection. This is enabled by default. **Connection:** Disabling this feature may disable your Internet connection.

IPv6

IPv6 address: Specify the IPv6 address provided by your ISP.

Prefix: Specify the prefix provided by your ISP.

- Gateway IPv6 Specify the default gateway address provided by your ISP. address:
- Primary IPv6 DNS Specify the primary DNS server IP address assigned by your ISP. server:

Secondary IPv6 Specify the secondary DNS server IP address assigned by your ISP. **DNS server:**

ango / / anternet / /		2
	Basic	All Settings
Connection type Static IPv6	tion	Ethernet MC address* 60:53:4C:51:44:53 Come MAC address of your NIC (B0:83:FE:B0:C9:06) DESTORE DEFAULT MAC ADDRESS HTU*
IPv6 address*		Miscellaneous Firewall Miscellaneous
Prefix* Gateway IPv6 address	5*	Isolate connection
Primary IPv6 DNS ser	ver*	
Secondary IPv6 DNS	server	

Static IPv6 (cont)

Ethernet

MAC address: The default MAC address is set to the Internet port's physical interface MAC address on the router. You can edit that address manually here.

Clone MACToggle this switch to clone the MAC address of the device you areaddress of yourusing to access the web UI. Note that no two MAC address within theNIC:same subnet can be the same.

Restore Default Click here to restore your router's default MAC address. **MAC Address:**

MTU: Specify the Maximum Transmission Unit of your Internet connection. You may need to change the MTU for optimal performance with your ISP. The default setting is 1500.

Miscellaneous

- **Firewall:** Toggle this switch to enable firewall functionality. This setting is enabled by default.
 - **Ping:** Toggle this switch to enable WAN Ping. This setting is disabled by default.
- **Isolate** Toggle this switch to enable connection isolation. This setting is **connection:** disabled by default.

tings >> Internet >	> WAN >> WAN/Adding	
	Basic	All Settings
Connection type Static IPv6	ection	Ethernet MC address 06.63.4C:51:44:53 Clone MAC address of your NIC (B0:83:FE:B0:C9:06) RESTORE DEFAULT MAC Address MTU ⁴ 1500
IPv6 address*		Miscellaneous Firewall Ping
Prefix* Gateway IPv6 addre	::::::::::::::::::::::::::::::::::::::	J Isolate connection
Primary IPv6 DNS s	erver*	

PPPoE

Select **PPPoE** if your ISP provides and requires you to enter a PPPoE username and password in order to connect to the Internet. Choose Basic configuration or All Settings.

Basic

MAC address:	The default MAC address is set to the Internet port's physical interface MAC address on the router. You can edit that address manually here.
Clone MAC address of your NIC:	Toggle this switch to clone the MAC address of the device you are using to access the web UI. Note that no two MAC address within the same subnet can be the same.
Restore Default MAC Address:	Click here to restore your router's default MAC address.
Without authorization:	Enable this setting to connect without a username and password. This configuration is uncommon and is disabled by default.
Username:	If Without authorization is disabled, specify the PPP username provided by your ISP.
Password:	If Without authorization is disabled, specify the PPP password provided by your ISP.

Service name: Specify the ISP service name (optional).

D-Link DIR-615 FW:3.0.2	Home	Settings	Functions	Management
Settings >> Internet >:	> WAN >> WAN/A	Adding		
	Basic			All Settings
Connection type PPPoE MAC address* 60:63:40:51:44:53			Ť	
Clone MAC a (B0:83:FE:BC RESTOR	ddress of your NIC 1:C9:06) RE DEFAULT MAC / Iorization	ADDRESS		
Usemame*				
Password*			0	
Service name				
APPLY				

PPPoE (cont)

All Settings

Connection Type:Select your connection type from drop-down menu:
For Dynamic IPv4 refer to page 21.
For Static IPv4 refer to page 24
For Dynamic IPv6 refer to page 27
For Static IPv6 refer to page 30
For PPPoE refer to page 33
For PPPoE IPv6 refer to page 37
For PPPoE Dual Stack refer to page 42
For PPTP refer to page 47
For L2TP refer to page 51

Note: this option can only be edited in the WAN/Creating mode.

Enable Toggle this switch to enable the connection. This is enabled by default.Connection: Disabling this feature may disable your Internet connection.

PPP

Without Enable this setting to connect without a username and password. **authorization:** This configuration is uncommon and is disabled by default.

- Username: If Without authorization is disabled, specify the PPP username provided by your ISP.
- **Password:** If **Without authorization** is disabled, specify the PPP password provided by your ISP.

tings >> Internet >> WAN >> WAN/Adding		
Basic		All Settings
Connection type		Ethornot
PPPoE	-	Ethemet
Easthin connection		MAC address*
Enable connection		00:03:46:01:44:03
		Clone MAC address of your NIC (B0-83-FE-B0-C9-06)
		(00.05.1 2.00.03.00)
		мгр.
		1500
PPP		Miscellaneous
Mithaut authorization		NAT
- winout automzation		
Usemame*		Firewall
		Ding Ping
Password*	10	Isolate connection
	-	
Service name		
1492		
Authentication protocol	12.2.2	
A010	•	
Keep Alive		
LCP interval®		
30		
LCP fails*		
3		
Dial on demand		
Maximum inflations (in counsels)		
0		
PPP IP extension		
PPP debug		

PPPoE (cont)

Service name:	Specify the ISP service name (optional).	
Authentication protocol:	Choose from AUTO, PAP , CHAP , MS-CHAP , or MS-CHAPv2 . AUTO is selected by default.	
Keep alive:	Toggle this switch to maintain your connection when no activity i detected.	
LCP interval:	f you have enabled Keep alive , specify the LCP Echo frequency ir seconds. The default setting is 30.	
LCP fails:	If you have enabled Keep alive , specify the maximum number of LCP fails before the connection is dropped.	
Dial on demand:	Enable this option to automatically dial a PPPoE connection when data flow is detected.	
Maximum idle time:	If you have enabled Dial on demand , specify a maximum idle time in seconds before the connection will be dropped.	
Static IP address:	Specify the IP address provided by your ISP.	
PPP IP extension:	Toggle this switch to enable the PPP server to directly assign IP addresses to PCs behind your router. This is disabled by default.	
PPP debug:	Toggle this switch to enable PPP debug. This feature is disabled by default.	
Ethernet		

MAC address: The default MAC address is set to the Internet port's physical interface MAC address on the router. You can edit that address manually here.

615 PW:3.0.2	Home St	ettings Fur	ctions	Management
ings >> Internet >>	WAN >> WAN/Adding			
	Basic			All Settings
Connection type			Ethe	rnet
FFFUE			MAC add	hiss.*
Enable connec	tion		60:63:	4C:51:44:53
				Clone MAC address of your NIC (B0:83:FE:B0:C9:06)
				RE STORE DEFAULT MAC ADDRE \$8
			мпь*	
			1500	
PPP			Misce	llaneous
Without autho	rization			NAT
Usemame*				Ding
			-	Techte concertion
Password*		62		Isolate connection
Service name				
MTU				
1492				
Authentication protocol				
AUTO		•		
Keep Alive				
LCP interval*				
30				
LCP fails*				
3				
Dial on deman	bd			
Maximum idle time (in secon	ds)			
u 		<u> </u>		
PPP IP extension	ion			
PPP debug				

PPPoE (cont)

Clone MACToggle this switch to clone the MAC address of the device you areaddress of yourusing to access the web UI. Note that no two MAC address within theNIC:same subnet can be the same.

Restore Default Click here to restore your router's default MAC address. **MAC Address:**

MTU: Specify the Maximum Transmission Unit of your Internet connection. You may need to change the MTU for optimal performance with your ISP. The default setting is 1500.

Miscellaneous

- **NAT:** Toggle this switch to enable Network Address Translation (NAT). This setting is enabled by default.
- **Firewall:** Toggle this switch to enable firewall functionality. This setting is enabled by default.
 - **Ping:** Toggle this switch to enable WAN Ping. This setting is disabled by default.

Isolate Toggle this switch to enable connection isolation. This setting is **connection**: disabled by default.

Basic		All Settings
Connection type		Ethornat
PPPoE	•	Ethemet
Enable connection		60:63:4C:51:44:53
		Clone MAC address of your NIC
		(B0:83:FE:B0:C9:06)
		RESTORE DEFAULT MAC ADDRESS
		MTU*
		1000
PPP		Miscellaneous
Without authorization		NAT
language *		Firewall
osenane		D Ping
Password*	402	Isolate connection
Service name		
MTU* 1492		
Authentication protocol		
AUTO	-	
Keep Alive		
LCP interval*		
30		
3		
Dial on demand		
Maximum idle time (in seconds)		
0	<u></u>	
DPP IP extension		
PPP debug		
APPLY		

PPPoE IPv6

Select **PPPoE IPv6** if your ISP provides and requires you to enter a PPPoE username and password in order to connect to the Internet. Choose Basic configuration or All Settings.

Basic

MAC address:	The default MAC address is set to the Internet port's physical interface MAC address on the router. You can edit that address manually here.			
Clone MAC address of your NIC:	Toggle this switch to clone the MAC address of the device you are using to access the web UI. Note that no two MAC address within the same subnet can be the same.			
Restore Default MAC Address:	Click here to restore your router's default MAC address.			
Without authorization:	Enable this setting to connect without a username and password. This configuration is uncommon and is disabled by default.			
Username:	If Without authorization is disabled, specify the PPP username provided by your ISP.			
Password:	If Without authorization is disabled, specify the PPP password provided by your ISP.			
Service name:	Specify the ISP service name (optional).			
Get IPv6:	Choose Automatically , IPv6 by DHCPv6 , by SLAAC , or DHCPv6 PD			

according to the type of IPv6 is used by your ISP. The default setting **is Automatically**.

D-Link DIR-615 FW:3.0.2	Home	Settings	Functions	Management
Settings >> Internet >> 1	WAN >> WAN/A	dding		
	Basic			All Settings
Connection type				
PPPoE IPv6			•	
MAC address*				
00.00.40.01.44.00				
Clone MAC add (B0:83:FE:B0:0	ress of your NIC (9:06)			
Without author	ization			
Username*				
Password*			ø	
Service name				
Get IPv6 Automatically				
APPLY				

All Settings

Connection Type:Select your connection type from drop-down menu:
For Dynamic IPv4 refer to page 21.
For Static IPv4 refer to page 24
For Dynamic IPv6 refer to page 27
For Static IPv6 refer to page 30
For PPPoE refer to page 33
For PPPoE IPv6 refer to page 37
For PPPoE Dual Stack refer to page 42
For PPTP refer to page 47
For L2TP refer to page 51

Note: this option can only be edited in the WAN/Creating mode.

Enable Toggle this switch to enable the connection. This is enabled by default. **Connection:** Disabling this feature may disable your Internet connection.

PPP

Without authorization:	Enable this setting to connect without a username and password. This configuration is uncommon and is disabled by default.	
Username:	If Without authorization is disabled, specify the PPP username provided by your ISP.	
Password:	If Without authorization is disabled, specify the PPP password provided by your ISP.	

Service name: Specify the ISP service name (optional).

ettings >> Internet >> WAN >>	WAN/Adding	
Des		All Settings
Bas		All Settings
Connection type		Ethernet
PPPaE IPv6	87	Edicinet
- Frankland Harris		MAC address*
Enable connection		BU:B3:4C:51:44:B3
		Clone MAC address of your NIC
		(B0:83:FE:B0:C9:06)
		RESTORE DEEALILY MAD ADDRESS
		MTU* 1500
		1000
PPP		IP
Without authorization		Let Dys Automatically
		,
Username*		Gateway by SLAAC
Password*	62	Gateway IPv6 address
		Obtain DNS server addresses automatically
Service name		
MT1 In		Primary IPv6 DNS server
1492		
Authentication protocol		Secondary IPv6 DNS server
ADIO	0	
Keep Alive		
LCP interval*		Miscellaneous
30		Firewall
LCP fails*		Ping
		Isolate connection
Dial on demand		
Maximum idle time (in seconds)		
0	í	a
PPP IP extension		
PPP debug		

- MTU: Specify the Maximum Transmission Unit of your Internet connection. You may need to change the MTU for optimal performance with your ISP. The default setting is 1492.
- Authentication Choose from AUTO, PAP, CHAP, MS-CHAP, or MS-CHAPv2. AUTO protocol: is selected by default.
 - **Keep alive:** Toggle this switch to maintain your connection when no activity is detected.
 - LCP interval: If you have enabled **Keep alive**, specify the LCP Echo frequency in seconds. The default setting is 30.
 - LCP fails: If you have enabled **Keep alive**, specify the maximum number of LCP fails before the connection is dropped.
- **Dial on demand:** Enable this option to automatically dial a PPPoE connection when data flow is detected.
 - Maximum idle If you have enabled **Dial on demand**, specify a maximum idle time time: in seconds before the connection will be dropped.
- Static IP address: Specify the IP address provided by your ISP.
- **PPP IP extension:** Toggle this switch to enable the PPP server to directly assign IP addresses to PCs behind your router. This is disabled by default.
 - **PPP debug:** Toggle this switch to enable PPP debug. This feature is disabled by default.

ttings >> Internet >	> WAN >> WAN/Adding			
	Basic		All Settings	
Connection type			Ethernet	
Enable conn	ection	•	MAC address* 80:63:4C:51:44:53	
			(B0:83:FE:B0:C9:06)	
			нти н 1500	
ррр			Ib	
Without aut	norization		Get Dv6 Automatically	
Usemame*			Gateway by SLAAC	
Password*		42	Gateway IPv6 address	6
Service name			Obtain DNS server addresses automatically	
мпи• 1492			Primary IPv6 DNS server	6
Authentication protocol AUTO			Secondary IPv6 DNS server	6
Keep Alive			Miscellaneous	
30			Firewall	
LCP fails*			Ping Isolate connection	
Dial on dem	and			
Maximum idle time (in sec 0	orda)			
PPP IP exter	ision			
PPP debug				
ADDLY				

Ethernet

MAC address: The default MAC address is set to the Internet port's physical interface MAC address on the router. You can edit that address manually here.

Clone MAC Toggle this switch to clone the MAC address of the device you are using to access the web UI. Note that no two MAC address within the same subnet can be the same.

Restore Default Click here to restore your router's default MAC address. **MAC Address:**

MTU: Specify the Maximum Transmission Unit of your Internet connection. You may need to change the MTU for optimal performance with your ISP. The default setting is 1500.

IP

- Get IPv6: Choose Automatically, IPv6 by DHCPv6, by SLAAC, or DHCPv6 PD according to the type of IPv6 is used by your ISP. The default setting is Automatically.
- **Gateway by** Toggle this switch to obtain gateway information through SLAAC. **SLAAC:**
- IPv6 address: Specify the IPv6 address provided by your ISP.
 - Prefix: Specify the prefix provided by your ISP.
- Gateway IPv6 Specify the default gateway address provided by your ISP. address:



Primary IPv6 DNS Specify the primary DNS server IP address assigned by your ISP. server:

Secondary IPv6 Specify the secondary DNS server IP address assigned by your ISP. **DNS server:**

Miscellaneous

- **Firewall:** Toggle this switch to enable firewall functionality. This setting is enabled by default.
 - **RIP:** Toggle this switch to enable Routing Information Protocol (RIP). This setting is disabled by default.

Isolate Toggle this switch to enable connection isolation. This setting is **connection:** disabled by default.

			vez anna an an an ann an ann ann ann ann a	
ttings >> Internet >	> WAN >> WAN/Adding			
	Basic		All Settings	
Connection type			Ethernet	
Enable conn	ection		MAC address* 80:63:4C:51:44:53	
			Clone MAC address of your NIC (B0:83:FE:B0:C9:06)	
			RE STORE DEFAULT MAC ADDRESS	
			1500	
PPP			IÞ	
Without aut	horization		Get DV6 Automatically	-
Usemame*			Gateway by SLAAC	
Password*		42	Gateway IPv6 address	6
Service name			Obtain DNS server addresses automatically	
мти* 1492			Primary IPv6 DNS server	â
Authentication protocol			Secondary IPv6 DNS server	â
Keep Alive			Miscellaneous	
LCP interval* 30			Firewall	
uch fails*			Ding Ping	
Dial on dem	and		Isolate connection	
Naximum idle time (in sei 0	ords)	6		
PPP IP exter	nsion			
PPP debug				
APPLY				

PPPoE Dual Stack

Select **PPPoE Dual Stack** if your ISP provides and requires you to enter a PPPoE username and password in order to connect to the Internet and supports adding IPv6 access to PPP for IPv4. Choose Basic configuration or All Settings.

Basic

- MAC address: The default MAC address is set to the Internet port's physical interface MAC address on the router. You can edit that address manually here.
- Clone MAC Toggle this switch to clone the MAC address of the device you are using to access the web UI. Note that no two MAC address within the NIC: same subnet can be the same.
- **Restore Default** Click here to restore your router's default MAC address. **MAC Address:**

WithoutEnable this setting to connect without a username and password.authorization:This configuration is uncommon and is disabled by default.

- Username: If Without authorization is disabled, specify the PPP username provided by your ISP.
- Password: If Without authorization is disabled, specify the PPP password provided by your ISP.
- Service name: Specify the ISP service name (optional).
 - Get IPv6: Choose Automatically, IPv6 by DHCPv6, by SLAAC, or DHCPv6 PD according to the type of IPv6 is used by your ISP. The default setting is Automatically.

-Link R-615 FW:3.0.2	Home	Settings	Functions	Management
ttings >> Internet >>	WAN >> WAN/A	dding		
	Basic			All Settings
Connection type PPPoE Dual Stack			•	
MAC address* 60:63:4C:51:44:53				
Clone MAC ad (B0:83:FE:B0: RESTOR	ldress of your NIC :C9:06) E DEFAULT MAC A prization			
Username*				
Password*			Q	
Service name				
Get IPv6 Automatically			T	
APPLY				

All Settings

Connection Type:Select your connection type from drop-down menu:
For Dynamic IPv4 refer to page 21.
For Static IPv4 refer to page 24
For Dynamic IPv6 refer to page 27
For Static IPv6 refer to page 30
For PPPoE refer to page 33
For PPPoE IPv6 refer to page 37
For PPPoE Dual Stack refer to page 42
For PPTP refer to page 47
For L2TP refer to page 51

Note: this option can only be edited in the WAN/Creating mode.

Enable Toggle this switch to enable the connection. This is enabled by default. **Connection:** Disabling this feature may disable your Internet connection.

PPP

WithoutEnable this setting to connect without a username and password.authorization:This configuration is uncommon and is disabled by default.

- Username: If Without authorization is disabled, specify the PPP username provided by your ISP.
- **Password:** If **Without authorization** is disabled, specify the PPP password provided by your ISP.

es seta translati				
ettings >> Internet >>	> WAN >> WAN/Adding			
	Basic		All Settings	
PPPoE Dual Stack		-	Ethernet	
Enable conne	action		MAC address* 80-83-40-51-44-53	
Chable Conne			0.03.40.01.44.03	
			Clone MAC address of your NIC (B0:83:FE:B0:C9:06)	
				RESS
			MTL	
			1500	
PPP			IP	
Without auth	orization		Get IPv6	
			Automatically	
Usemame*			Gateway by SLAAC	
Password*		42	Gateway IPv6 address	
Service name			Obtain DNS server addresses auto	matically
NTIN			Primary IPv6 DNS server	
1492				
Authentication protocol			Secondary IPv6 DNS server	
AUTO		-		
Keep Alive			2	
LCP interval*			Miscellaneous	
30			TAN T	
LCP fails*			Firewall	
3			Ding	
Dial on dema	ind		Isolate connection	
Naximum idle time (in seco	onds)			
0		6		
PPP IP exten	sion			
PPP debug				
APPLY				

Service name: Specify the ISP service name (optional).

- **MTU:** Specify the Maximum Transmission Unit of your Internet connection. You may need to change the MTU for optimal performance with your ISP. The default setting is 1492.
- Authentication Choose from AUTO, PAP, CHAP, MS-CHAP, or MS-CHAPv2. AUTO protocol: is selected by default.
 - Keep alive: Toggle this switch to maintain your connection when no activity is detected.
 - LCP interval: If you have enabled **Keep alive**, specify the LCP Echo frequency in seconds. The default setting is 30.
 - LCP fails: If you have enabled **Keep alive**, specify the maximum number of LCP fails before the connection is dropped.
- **Dial on demand:** Enable this option to automatically dial a PPPoE connection when data flow is detected.
 - Maximum idle If you have enabled **Dial on demand**, specify a maximum idle time time: in seconds before the connection will be dropped.
- Static IP address: Specify the IP address provided by your ISP.
- **PPP IP extension:** Toggle this switch to enable the PPP server to directly assign IP addresses to PCs behind your router. This is disabled by default.
 - **PPP debug:** Toggle this switch to enable PPP debug. This feature is disabled by default.



Ethernet

MAC address: The default MAC address is set to the Internet port's physical interface MAC address on the router. You can edit that address manually here.

Clone MAC Toggle this switch to clone the MAC address of the device you are using to access the web UI. Note that no two MAC address within the **NIC:** same subnet can be the same.

Restore Default Click here to restore your router's default MAC address. **MAC Address:**

MTU: Specify the Maximum Transmission Unit of your Internet connection. You may need to change the MTU for optimal performance with your ISP. The default setting is 1500.

IP

- Get IPv6: Choose Automatically, IPv6 by DHCPv6, by SLAAC, or DHCPv6 PD according to the type of IPv6 is used by your ISP. The default setting is Automatically.
- **Gateway by** Toggle this switch to obtain gateway information through SLAAC. **SLAAC:**
- IPv6 address: Specify the IPv6 address provided by your ISP.
 - Prefix: Specify the prefix provided by your ISP.
- Gateway IPv6 Specify the default gateway address provided by your ISP. address:



Primary IPv6 DNS Specify the primary DNS server IP address assigned by your ISP. server:

Secondary IPv6 Specify the secondary DNS server IP address assigned by your ISP. **DNS server:**

Miscellaneous

- NAT: Toggle this switch to enable Network Address Translation (NAT). This setting is enabled by default.
- **Firewall:** Toggle this switch to enable firewall functionality. This setting is enabled by default.
 - **Ping:** Toggle this switch to enable WAN Ping. This setting is disabled by default.
- **Isolate** Toggle this switch to enable connection isolation. This setting is **connection**: disabled by default.

ttings >> Internet >>	> WAN >> WAN/Ad	ding	
	Basic		All Settings
Connection type PPPoE Dual Stack			Ethernet
Enable conne	ection		MAC address* 80:63:4C:51:44:53
			Clone MAC address of your NEC (B0:83:FE:B0:C9:06)
			THE STOKE DEPAILST MAC ADDRESS MILLA 1500
000			10
Without auth	orization		LP Get IPv6 Automatically
Usemame*			Gateway by SLAAC
Password*		8	Gateway IPv6 address
Service name			Obtain DNS server addresses automatically
мти*			Primary IPv6 DNS server
Authentication protocol			Secondary IPv6 DNS server
Keep Alive			
LCP interval* 30			Miscellaneous
uch fails•			Firewall
Dial on dema	ind		Ping Isolate connection
Maximum idle time (in seco	nds)	6	
PPP IP exten	sion		
J PPP debug			
APPLY			

PPTP

Choose **PPTP** (Point-to-Point-Tunneling Protocol) if your Internet Service Provider (ISP) uses a PPTP connection. Your ISP will provide you with a username and password. Choose Basic configuration or All Settings.

Basic

Without authorization:	Enable this setting to connect without a username and password. This configuration is uncommon and is disabled by default.	
Username:	If Without authorization is disabled, specify the PPP username provided by your ISP.	
Password:	If Without authorization is disabled, specify the PPP password provided by your ISP.	
VPN Server address:	Specify the VPN server address provided by your ISP.	

D-Link JIR-615 FW:3.0.2	Home	Settings	Functions	Management
settings >> Internet >> V	WAN >> WAN/A	dding		
	Basic			All Settings
PPTP			-	
Without authori	ization			
Username*				
Password*			Ø	
VPN server address*				
APPLY				

PPTP (cont)

All Settings

Connection Type:Select your connection type from drop-down menu:
For Dynamic IPv4 refer to page 21.
For Static IPv4 refer to page 24
For Dynamic IPv6 refer to page 27
For Static IPv6 refer to page 30
For PPPoE refer to page 33
For PPPoE IPv6 refer to page 37
For PPPoE Dual Stack refer to page 42
For PPTP refer to page 47
For L2TP refer to page 51

Note: this option can only be edited in the WAN/Creating mode.

Enable Toggle this switch to enable the connection. This is enabled by default. **Connection:** Disabling this feature may disable your Internet connection.

PPP

Without authorization:	Enable this setting to connect without a username and password. This configuration is uncommon and is disabled by default.
Username:	If Without authorization is disabled, specify the PPP username provided by your ISP.
Password:	If Without authorization is disabled, specify the PPP password provided by your ISP.
VPN Server address:	Specify the VPN server address provided by your ISP.

ttings >> Internet >> WAN >> WAN/Adding	
Basic	All Settings
PPTP	- PPP
	Without authorization
Enable connection	
	Username*
	Password* 4
	1711
	VPN server address.
	MTU* 1458
	1955
	Authentication protocol AUTO
	No encryption
	Koon Allen
	Neep Mire
	30
	LCP Gale*
	3
	Dial on demand
	Maxemum idle time (in seconds)
	0
	Extra options
	DPP debug
	Enable MPPC
	Miscellaneous
	NAT
	Firewall
	Ping
	Isolate connection

PPTP (cont)

- MTU: Specify the Maximum Transmission Unit of your Internet connection. You may need to change the MTU for optimal performance with your ISP. The default setting is 1456.
- Authentication Choose from AUTO, PAP, CHAP, MS-CHAP, or MS-CHAPv2. AUTO protocol: is selected by default.
 - Encryption Choose No Encryption, MPPE 40 125 bit, MPPE 40 bit, or MPPE protocol: 128 bit.
 - Keep alive: Toggle this switch to maintain your connection when no activity is detected.
 - LCP interval: If you have enabled **Keep alive**, specify the LCP Echo frequency in seconds. The default setting is 30.
 - LCP fails: If you have enabled **Keep alive**, specify the maximum number of LCP fails before the connection is dropped.
- **Dial on demand:** Enable this option to automatically dial a PPPoE connection when data flow is detected.
 - Maximum idle If you have enabled **Dial on demand**, specify a maximum idle time time: in seconds before the connection will be dropped.
 - Extra options: Specify extra options if required by your ISP.
- Static IP address: Specify the IP address provided by your ISP.
 - **PPP debug:** Toggle this switch to enable PPP debug. This feature is disabled by default.



PPTP (cont)

Enable MPPC: Toggle this switch to enable Microsoft Point-to-Point Compression (MPPC). This setting is disabled by default.

Miscellaneous

- NAT: Toggle this switch to enable Network Address Translation (NAT). This setting is enabled by default.
- **Firewall:** Toggle this switch to enable firewall functionality. This setting is enabled by default.
 - **Ping:** Toggle this switch to enable WAN Ping. This setting is disabled by default.

Isolate Toggle this switch to enable connection isolation. This setting is **connection:** disabled by default.

615 PW:3.0.2	Home Settings	Functions Management
tings >> Internet >	> WAN >> WAN/Adding	
	Basic	All Settings
Connection Land		1000
PPTP		-
Enable conn	ection	Without authorization
		Username*
		Password* 49
		VPN server address*
		MID.*
		1456
		Authentication protocol
		AUTO
		Encryption protocol No encryption
		Keep Alive
		LCP interval*
		30
		LCP Calo* 3
		Dial on domand
		Maximum idle time (in seconds)
		0
		Extra onlinear
		Los options
		PPP debug
		Enable MPPC
		MISCEILAREOUS
		Firewall
		Ping
		Isolate connection
APPLY		

L2TP

Choose **L2TP** (Layer 2 Tunneling Protocol) if your Internet Service Provider (ISP) uses a L2TP connection. Your ISP will provide you with a username and password. Choose Basic configuration or All Settings.

Basic

Without authorization:	Enable this setting to connect without a username and password. This configuration is uncommon and is disabled by default.	
Username:	If Without authorization is disabled, specify the PPP username provided by your ISP.	
Password:	If Without authorization is disabled, specify the PPP password provided by your ISP.	
VPN Server address:	Specify the VPN server address provided by your ISP.	

D-Link IR-615 FW:3.0.2	Home	Settings	Functions	Management
iettings >> Internet >>	WAN >> WAN/A	dding		
	Basic			All Settings
Connection type L2TP Without author	prization		Ť	
Username*				
Password*			Ø	
VPN server address*				
APPLY				

L2TP (cont)

All Settings

Connection Type:Select your connection type from drop-down menu:
For Dynamic IPv4 refer to page 21.
For Static IPv4 refer to page 24
For Dynamic IPv6 refer to page 27
For Static IPv6 refer to page 30
For PPPoE refer to page 33
For PPPoE IPv6 refer to page 37
For PPPoE Dual Stack refer to page 42
For PPTP refer to page 47
For L2TP refer to page 51

Note: this option can only be edited in the WAN/Creating mode.

Enable Toggle this switch to enable the connection. This is enabled by default. **Connection:** Disabling this feature may disable your Internet connection.

PPP

Without authorization:	Enable this setting to connect without a username and password. This configuration is uncommon and is disabled by default.
Username:	If Without authorization is disabled, specify the PPP username provided by your ISP.
Password:	If Without authorization is disabled, specify the PPP password provided by your ISP.
VPN Server address:	Specify the VPN server address provided by your ISP.

tings >> Internet >	> WAN >> WAN/Adding	
	Basic	All Settings
Connection type		ррр
Enable conn	ection	Without authorization
		Usemame*
		Password* 😽
		VPN server address*
		мто* 1456
		Authentication protocol
		Encryption protocol No encryption
		Keep Alive
		LCP interval* 30
		LOP fails* 3
		Dial on demand
		D
		Extra options
		PPP debug
		Miscellaneous
		NAT Firewall
		Ding Ping
		Isolate connection

L2TP (cont)

- MTU: Specify the Maximum Transmission Unit of your Internet connection. You may need to change the MTU for optimal performance with your ISP. The default setting is 1456.
- Authentication Choose from AUTO, PAP, CHAP, MS-CHAP, or MS-CHAPv2. AUTO protocol: is selected by default.
 - Encryption Choose No Encryption, MPPE 40 125 bit, MPPE 40 bit, or MPPE protocol: 128 bit.
 - Keep alive: Toggle this switch to maintain your connection when no activity is detected.
 - LCP interval: If you have enabled **Keep alive**, specify the LCP Echo frequency in seconds. The default setting is 30.
 - **LCP fails:** If you have enabled **Keep alive**, specify the maximum number of LCP fails before the connection is dropped.
- **Dial on demand:** Enable this option to automatically dial a PPPoE connection when data flow is detected.
 - Maximum idle If you have enabled **Dial on demand**, specify a maximum idle time time: in seconds before the connection will be dropped.
 - Extra options: Specify extra options if required by your ISP.
- Static IP address: Specify the IP address provided by your ISP.
 - **PPP debug:** Toggle this switch to enable PPP debug. This feature is disabled by default.



L2TP (cont)

Miscellaneous

- **NAT:** Toggle this switch to enable Network Address Translation (NAT). This setting is enabled by default.
- **Firewall:** Toggle this switch to enable firewall functionality. This setting is enabled by default.
 - **RIP:** Toggle this switch to enable Routing Information Protocol (RIP). This setting is disabled by default.
 - **Ping:** Toggle this switch to enable WAN Ping. This setting is disabled by default.

Isolate Toggle this switch to enable connection isolation. This setting is **connection:** disabled by default.

)-Link R-615 PW:3.0.2	Home Settings	Functions Management
ttings >> Internet >	>> WAN >> WAN/Adding	
	Basic	All Settings
Connection type		ррр
Enable conr	nection	Without authorization
		Usemame*
		Password* No
		VPN server address*
		ыть» 1456
		Authoritication protocol AUTO
		Encryption protocol No encryption
		Keep Alive
		LCP internal* 30
		LCP fails* 3
		Dial on demand
		Maxemum idle time (in seconds) D
		Extra options
		DPP debug
		Miscellaneous
		NAT
		Firewall Img
		Isolate connection
APPLY		

VLAN

VLAN tagging allows for services such as Triple-Play to be used, and divides a network into segments that can only be accessed by other devices in the same VLAN.

In the Settings menu on the bar on the top of the page, click **Internet**, then click the **VLAN** link.

Click on any VLAN to configure it. Refer to **VLAN Add/Edit** on page **56** for configuration instructions.

VLAN List

- Add: Click here to add a new VLAN. Refer to VLAN Add/Edit on page 56
- **Delete:** Click here to delete the selected VLAN.
- Name: This column indicates the name of the VLAN.
- **Type:** This column indicates the type of the VLAN.
- **Untagged Ports:** This column indicates the untagged ports belonging to the VLAN.
 - Tagged port: This column indicates the tagged ports belonging to the VLAN.
 - VLAN ID: Indicates the VLAN ID to which the tagged ports belong.
 - **Enable:** Indicates whether the VLAN is enabled or not.

D-Li	nk W:3.0.2	Home	Settings F	unctions	Management		
Settings	>> Inter	net >> VLAN					
VLA	N List						+
	Name	Туре	Untagged ports		Tagged port	VLAN ID	Enable
	lan	Untagged LAN	LAN1, LAN2, LAN3, LA	N4, wifi1			Yes
		MANNE MORNEGAN					N.

VLAN Add/Edit

Name: Specify a name for the VLAN.

- Enable: If prompted, toggle this switch.
 - Type: If prompted, select a VLAN type from the list.
- VLAN ID: If prompted, specify the VLAN ID.

Untagged Ports

Untagged Ports: If you have chosen to edit an existing untagged connection, or if you have chosen to add a bridge connection, select the untagged ports to be included in the VLAN.

Note: Ports can only belong to one VLAN at a time, and may need to be freed from other VLANs before changing this setting.

Tagged Ports

VLAN ID: If you have chosen to edit an existing tagged connection, or if you have chosen to add a bridge connection, select the tagged ports to be included in the VLAN.

Name* Ian	Untagged Ports
Туре	LAN1
Untagged LAN	LAN2
	 LAN3
	LAN4
	V wifi1
	🔲 wifi2-na
	(i) The group must include at least one untagged port

	Untagged Ports	
	VAN WAN	
	wifi2-na	
	Weed to choose wan or wi-ri port	
ß		
	Ĥ	Untagged Ports WAN Wifi2-na Wifi2-na C Head to choose WMM or W-IT point

DNS

Domain Name System (DNS) servers convert URLs into IP addresses to make it easier to navigate the internet. This screen allows you to manually configure DNS servers if required by your ISP or if a custom configuration is needed

DNS IPv4/IPv6

- Manual: Enable this to specify name servers manually under Name Server IPv4/IPv6.
- **Default Gateway:** If the **Manual** switch is set to disabled, apply below Interface setting as default.
 - Interface: Select the interface to which your DNS settings will apply.

Hosts

- Add: Click Add to add a manual entry for DNS resolution. Refer to Add Hosts on page 58 for more information.
- Delete: Click Delete to delete a selected host from the list
- IP address: Indicates the IP address of the host.
 - Name: Indicates the name of the host.

		Settings F	unctions	Management	
tings >> Internet >>	DNS				
DNS					
DNS servers are used t DNS servers manually connection.	to determine the IP on this page or con	address from the name of figure the router to obtain	f a server in Ir DNS servers a	tranets or the Internet. You can spe addresses automatically from your Is	ecify the addresses of 5P upon installing a
DNS IPv4			DNS I	Pv6	
Manual				Manual	
Default gate	way		-	Default gateway	
Interface			Interface		
dynamic_Internet		6	i.		ĺ

Add Hosts

Edit Host

IP address: Specify the IP address of the host, or select from the drop-down menu.

Name: Enter a name for the specified host.

Click **Save** when you are done.

DNS servers are used to determine the IP address from the name of a server in Intranets or the Internet. You DNS servers manually on this page or confinement of a server in Intranets or the Internet. You bcally from DNS IPv4	can specify the addresses on your ISP upon installing a
connection. Add Host × DNS IPv4	
DNS IPv4	
Manual ID address	
IP address"	
Default gateway	
Interface Name*	
dynamic_Internet	
SAVE	
save hamic_Internet	

WAN Failover

WAN Failover allows the device to switch to another WAN or Internet connection in the event that the primary connection becomes unavailable.

Enable: Toggle to enable WAN Failover.

Basic connection: Select your primary internet connection from the drop-down menu.

Backup Select the backup connection from the drop-down menu **connection:**

- **Test host (IP):** Specify a test host IP address the router will use to determine the status of the connection. The default setting is 8.8.8.8, which is Google DNS.
- **Check interval:** Specify the frequency to check your connection in seconds. The default setting is 10 seconds.
- **Timeout check:** Specify the amount of time in seconds the device will wait before considering a ping to have timed out.

Number of Specify the number of consecutive failures before switching to the inspections of backup connection.

active connection:

Number of
inspectionSpecify the number of consecutive successes before switching to the
primary connection.of inactive
connection:

tings >> WAN Failo	ver				
C Enable					
Basic connection			Check interva	(in seconds)*	
dynamic_Internet		•	10		
Backup connection*			Timeout chec	(in seconds)*	
		•	3		
Test host (IP)*			Number of in:	pections of active connection*	
8.8.8.8			3		
			Number of ins	pections of inactive connection*	
			5		

Wireless network

From this page you can configure your wireless network settings. There are two tabs for 2.4 GHz and 5 GHz. 802.11n/g/b operate on 2.4 GHz, while 802.11ac/n/a operates over 5 GHz. 2.4 GHz and 5 GHz networks are configured independently.

General Settings

Enable Wireless:	Toggle this switch to enable wireless access.	
Wireless mode:	Select a wireless mode from the list.	() and de
Select channel automatically:	Toggle this switch to enable to allow the router to automatically select an operating channel.	
Enable additional channels:	Toggle this switch to enable higher channels on the 5 GHz band. Note: This feature is only supported over 5 GHz.	60
Channel:	If Select channel automatically is disabled, select the channel your router will use.	
Enable periodic scanning:	Toggle this switch to periodically scan for an optimal channel.	
Scanning period:	If Enable periodic scanning is enabled, specify the amount of time in seconds between scans.	1
Wi-Fi Network		
Network name (SSID):	Specify the desire SSID for your wireless network. All devices must connect to this SSID.	

Hide SSID: Toggle this switch to prevent SSID broadcasting. Clients will still need to enter the correct SSID to connect to your network.

D-Link DIR-615 PW:3.0.2 Home Settings	Fun	ctions Management
Settings >> Wireless Network		
General Settings		Wi-Fi Network
Enable Wireless		Network name (SSID)*
		DIR-615-4453
802.11 B/G/N mixed	*	The number of characters should not exceed 32
Select channel automatically		Hide SSID
Enable additional channels		() Wireless network name (SSID) will not appear in the list of available
		wireless networks with customers. Go to a hidden network, you can connect to manually specify the SSID of the access point.
Attention! The device automatically selects a channel from the list of available channels depending on your country. Make sure that your wireless		Max associated clients*
devices support channels above 12		
Channel		
auto (channel 1)		D Enable shaping
Enable periodic scanning		Broadcast wireless network
Scanning period (in seconds)		Allows you to enable/disable broadcast of this SSID without disconnecting
60		the wireless module of the router. Can be used with the mode "Wi-Fi Client"
		Clients isolation
		Block traffic between devices connected to the access point
		Security Settings
		Network authentication
		WPA2-PSK *
		Password PSK*
		Password should be between 8 and 63 ASCII characters
		Encryption type*
		AES -
		Group key undate interval (in seconds)#
		3600
APPLY ADD WI-FI NETWORK		

Wireless network (cont)

- Max Associated
Clients:Specify the maximum number of clients that can be connected at one
time. Enter 0 for unlimited clients. The default setting is 0.Enable shaping:Toggle this switch to enable shaping. This setting is disabled by
default.Shaping (MBits/s):If Enable shaping is set to enable, specify the shaping threshold in
Mbits/second.Broadcast wirelessToggle this switch to disable broadcasting of a wireless network. This
- **network:** is useful if the router is being configured as a Wi-Fi client. This setting is enabled by default.
- Clients isolation: Toggle this switch to prevent Wi-Fi clients from interacting with each other.

Security Settings

Network Select Open, WPA-PSK, WPA2-PSK, WPA-PSK/WPA2-PSK mixed, authentication: WPA, WPA2, or WPA/WPA2 mixed. The default and recommended setting is WPA2-PSK.

If you have selected WPA-PSK, WPA2-PSK, or WPA-PSK/WPA2-PSK mixed:

Password: Specify a wireless password. Each device connecting to your network must enter this password.

Encryption type: Select an encryption type.

Wireless network (cont)

Group key update Specify an update interval in seconds. The default setting is 3600. **interval:**

If you have selected WPA, WPA2, or WPA/WPA2 mixed

WPA2 Pre- Toggle this switch to enable WPA pre-authentication. authentication:

- IP address RADIUS Specify the IP address of the RADIUS authentication server. server:
 - RADIUS server Specify the port of the RADIUS authentication software.
 - **RADIUS** Specify the RADIUS encryption key. encryption key:
- **Encryption type:** Select the encryption type. As of this writing, only AES is supported.
- Group key update Specify an update interval in seconds. The default setting is 3600. interval:

Wireless network Settings >> Wireless network Settings >> Wireless network Settings >> Wireless network Setting Settings Setting Setting Settings Setting Setting Settings <	D-Link DIR-1210 HW:A1 FW:3.0.9	- Li 1210	D-L IR-121)-Li R-1210	ink 0 HW:A1	FW:3.0.	.9									Home		Settings	Fu	inctions		Mana	gement	
Settings >> Wireless network 2.4GHz SGH2 Ceneral Settings WFFI Network								<i>></i>		l	W Use t any c	this se change	ection to es made	s n config	etv ure th s section	work e wireless on will nee	setting d to be	is for your D- e updated on	-Link Rou your wir	ter. Pleasi eless devi	e make ice.	e sure th	at	
Leftz Schtz Ceneral Settings Ceneral Settings Ceneral Settings Ceneral Settings State damand automatically Ceneral Ceneral Ceneral Settings Ceneral Settings <t< th=""><th>Settings >> Wireless network</th><th>tings</th><th>ietting</th><th>tting</th><th> s >> V</th><th>Vireless</th><th>s netw</th><th>vork</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>	Settings >> Wireless network	tings	ietting	tting	s >> V	Vireless	s netw	vork																
General Settings Enable Wireless Darsel Bo2.11 B/G/M mixed Charnel Cha	2.4GHz							2.	.4GH	Iz									5GI	-Iz				
Calculate interval (in second)*	General Settings Conserved Cons	Ger Wirek 802 Chan auto	Gee 80 Cha auto 60	Geel 80 Chanta Scant 60	eneral Ena class model (22.11 B) Sel o (char Ena ning period	Settir able Wi (G/N m ect cha annel 13, able pe dod (n sec	ngs ireless annel a)) rriodic conds)	s autor	matical	illy				- 		WI-FI Network DIR-12 The or the or	Netw name () 210-11 numbe eless nete s specify coated o Enab Broad es mod Clien rity S duthent 2-PSK d PSK* woord si	work sstay: sstay: sstay: sstay ssta	should no o hidden e access p ess netv ess netv ess netv ess connec es connec es connec	t exceed 32 wappar in nonvork, yr vork at of the SS used with th ted to the a	2 the list o ou can i stD with the mod access p	of available connect t	e noteless o necting necting	

Network

This section will allow you to change the local network settings of the router and to configure the DHCP settings. In the Settings menu on the bar on the top of the page, click **Network**. Click **IPv4** and **IPv6** to configure their respective settings.

IPv4

Local IP Address

IP Address: Specify 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 access the configuration utility.

- Mask: Specify the subnet mask of the router. The default subnet mask is **255.255.255.0**.
- Gateway IP For Access Point, Repeater, and Client modes only.

Address: Specify the gateway IP address which is used by the router to connect to the internet. (Optional)

Hostname: Specify the device domain name and URL to access the management utility. The default URL is http://dlinkrouter.local/

Dynamic IP Addresses

Mode of Dynamic Select Disable, DHCP server, or DHCP relay. The default setting is DHCP server. assignment:

D-Link NR-615 FW:3.0.2	Home	Settings	Functions	Management
ettings >> Network				
	IPv4			IPv6
Local IP Addr	ess		Dyna	amic IP Addresses
IP address* 192.168.0.1			Mode of DHCF	dynamic IP address assignment • server
Mask* 255.255.255.0			Start IP4 192.10	58.0.100
Hostname dlinkrouter.local			End IP* 192.16	58.0.200
Specify a domain nam based interface using the o the end in the address bar	e ending with .local. In o fornain name, enter this of the web browser (for	rder to access the w name with a dot and example, dlinkrouter	et- Lease tir Islash at 1440 Iocal./)	ne (în minutes)*
				DNS relay
DHCP Options No rule created for DHC	CP options			+
Static IP Addre	sses			KNOWN CLIENTS +
In order to assign an IF	address to a MAC a	ddress, select a di	evice from the list of co	onnected clients or add a new device
APPLY				

IPv4 (cont)

- Start IP: If **DHCP server** has been selected, specify the starting IP address in the DHCP server pool.
- End IP: If **DHCP server** has been selected, specify the end IP address in the DHCP server pool.
- Lease Time: If DHCP server has been selected, specify the lease time in minutes for DHCP-issued IP addresses.
- Enable DNS Disable to transfer the DNS server information from your ISP to your computers. If enabled, your computers will use the router for a DNS server.
- External DHCP If DHCP relay has been selected, specify the external DHCP server server IP: from which IP addresses should be assigned. Click on the Add button to add more server IPs.

Static IP Addresses

- Known Clients: Click this button to select a current host to add to the table of reserved static IP address. See **Clients List** below.
 - Add: Click this button to manually reserve a local IP address.
 - Delete: Click this button to delete a selected reserved IP address.
 - **IP address:** Indicates the reserved static IP.
- MAC address: Indicates the MAC address for which the IP is reserved.
 - Hostname: Indicates the hostname of the client for which the IP is reserved.

D-Link IR-1210 HW:A1 FW:3.0.9	Home	Settings	Functions	Management
Network Use this section to configure your device in the managem We recommend you change within the network.	the network s ent link field, a the manageme	ettings for your dev nd use the link to a ent link if there are	rice. You can enter a access web UI in a w more than one D-Lir	a name for veb browser. nk devices
Settings >> Network				
IPv4	_		IPv6	
Local IP Address	Dyna Mode of de	mic IP Add	resses	*
Subnet mask* 255.255.255.0	Start IP* 192.168	.0.2		
Device domain name dlinkrouter.local	End IP* 192.168	.0.100		
O Specify a domain name ending with Jocal. In order to access the web- based interface using the domain name, enter this name with a dot and stabl at the end in the address bar of the web browser (for example, dihkrouter.local.)	Lease time 1440	(in minutes)*		
Static IP Addresses In order to assign an IP address to a MAC address, select a device from	the list of con	nected clients or a	CLI	ENTS LIST ADD

IPv4 (cont)

Clients List

Clients list: Click the corresponding client(s) on this list to automatically add their information to the Static IP Addresses list.

Refresh: Click here to refresh the connected clients list.

Click **OK** to save changes or click the X in the upper right hand corner to cancel changes.

Add/Static IP Addresses

- **IP address:** Specify the IP address you wish to reserve for the given client.
- MAC address: Specify the MAC address of the client for which the IP address is reserved.
 - Hostname: Specify the Hostname of the client for which the IP address is reserved.

Click **Apply** to save changes or click the X in the upper right hand corner to cancel changes.

Clients	s List		×
Select clie MAC-IP pa area netwo address)	nts for which yo irs (set a fixed IP ork for a device	ou want to address in t with a certa	specify the loca ain MAC
□ 1 fc	92.168.0.5 (Ga l ::42:03:95:55:87	axy-Tab-S2	2)
□ 1 f8	92.168.0.7 (085 3:bc:12:99:3f:35	14PCWIN1	10)
	REFR	ESH	OK
<u></u>	10		
Static	IP		
IP addres	SS*		
MAC add	ress*		
Hostnam	e		