



User Manual

4G/LTE Mobile Router

DWR-932

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
1.0	May 15, 2015	• Initial release for hardware revision D1

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Product Overview

Package Contents



D-Link DWR-932 4G/LTE Mobile Router



USB Cable

If any of the above items are missing from your package, please contact your reseller.

System Requirements

- A compatible (U)SIM card with mobile data service¹
- A computer with Windows®, Macintosh®, or Linux-based operating systems
- Internet Explorer 9, Firefox 23, Chrome 28, or Safari 6

¹ Subject to services and service terms available from your carrier.

Introduction

The D-Link DWR-932 4G/LTE Mobile Router lets you share a fast mobile Internet connection with multiple PCs and mobile devices letting you and your friends enjoy the advantages of a wireless network anywhere, anytime. It offers 4G LTE and 3G HSPA+ compatibility for fast downlink and uplink data rates, so you get fast upload and download speeds even when you're on the go.

High-Speed Mobile Internet with LTE Connectivity

The DWR-932 4G/LTE Mobile Router gives you high-speed Internet wherever you are and lets you share it on the go. Using LTE technology, you can achieve download speeds of up to 150 Mbps and upload speeds of up to 50 Mbps¹. The built-in LTE antenna provides a reliable connection to your mobile service provider, and a separate internal Wi-Fi antenna gives extended coverage to the computers and mobile devices connected to the DWR-932.

Mobile Internet for All of Your Devices

With the DWR-932, you can get online with your notebook, smartphone, tablet, or any other wireless device using a single mobile connection. The DWR-932 provides high-speed Wireless N coverage, giving high-speed wireless access to everybody – whether you are with colleagues on a business trip, or travelling with friends and family.

Built-in Software for Instant Access Anywhere

The DWR-932 is truly plug-and-play, with drivers already on the router, you can connect without needing to install anything. Open a browser, connect the router, and you can set up your network right from a web interface. This means that notebooks and netbooks without a CD-ROM drive can connect and get up and running in no time. Once the device is set up, you can simply power it on to start up your portable mobile network, meaning that you can share your mobile Internet connection without even needing a computer.

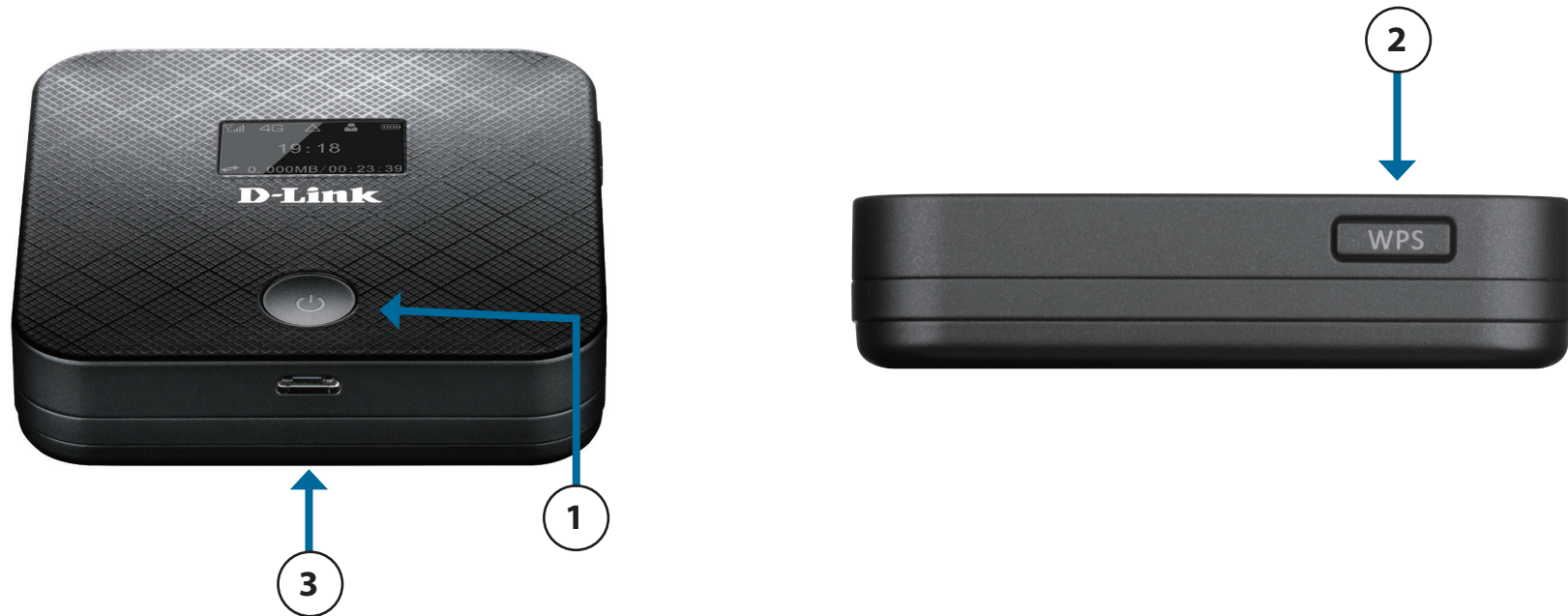
Designed for True Portability

The DWR-932 4G/LTE Mobile Router is small and slim enough to carry around in your purse, bag, or pocket. The built-in 2020 mAh rechargeable Li-Ion battery can provide hours of mobile usage, meaning that you can share your mobile Internet connection in the car, in the park, or anywhere, and work or play longer without needing to recharge.

¹ All references to speed are for comparison purposes only. Actual speeds will vary depending on a range of factors including mobile network coverage, signal strength, network activity, and environmental conditions.

Hardware Overview

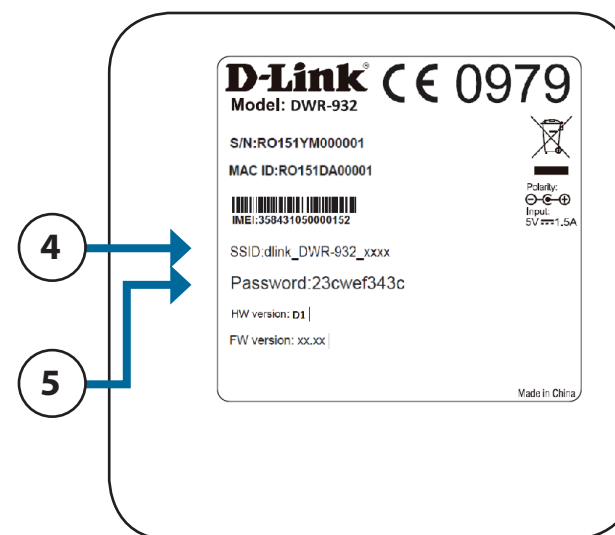
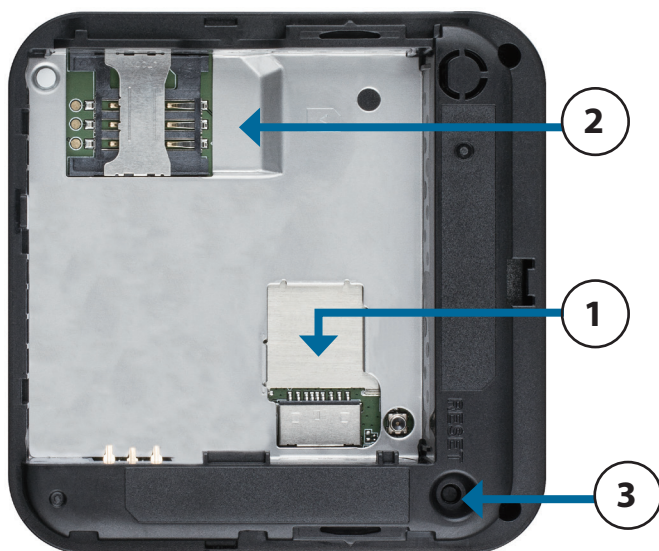
Top Side



1	Power Button	Press and hold this button for 6 seconds to power on/off the device.
2	WPS Button	Press this button to add new wireless devices quickly and easily using Wi-Fi Protected Setup (WPS).
3	Micro-USB Connector	Use the included cable to connect to a powered USB port to charge the device, or to access the configuration utility.

Hardware Overview

Under Side and Battery Cover

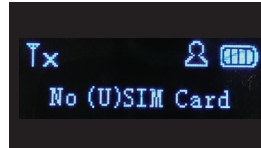


1	microSD Card Slot	Insert a microSD card for data storage.
2	SIM Card Slot	Insert a SIM card to access the Internet and your SIM card contacts list.
3	Reset Button	Using a paper clip, press and hold this button for 6 seconds to reboot the unit. Note: Ensure that the battery is inserted and the unit is powered on when pressing the reset button.
4	Wi-Fi Network (SSID)	The network name (SSID) of the DWR-932 will be displayed here.
5	Network (SSID) Password	The network (SSID) password of the DWR-932 will be displayed here.

Hardware Overview

LCD Display

When you turn on the DWR-932, the following information will be displayed on the LCD screen.



Press the power button to change to a screen displaying your device's SSID and press once again to display the SSID password.



When connecting to the DWR-932 the SSID will be displayed in your device's wireless networking utility. By selecting SSID and entering in the SSID password you will be able to connect to the DWR-932. Please refer to the table below explaining the different screen modes.

Number	Name	Explanation
1	Home screen	The DWR-932 homescreen displays the battery life, 3G signal quality and the amount of data used by connected devices.
2	Wi-Fi Network (SSID)	By default, the network name (SSID) of the DWR-932 will be in the format dlink_DWR-932_xxxx, where "xxxx" represents the last four character's of the DWR-932's MAC address.
3	Wi-Fi Password	The password required to gain access to the DWR-932.

Installation

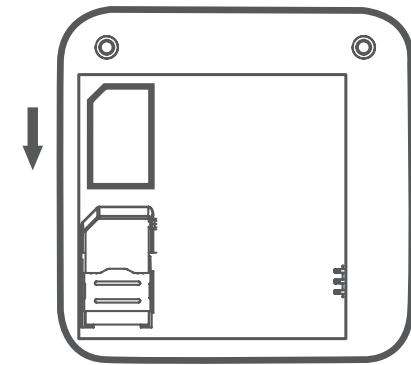
This section will guide you through the installation process.

Initial Setup

1. Ensure that your DWR-932 4G/LTE Mobile Router is powered off.
2. Remove the cover on the underside of the router, underneath the battery there is a slot for your SIM card. Slide your SIM card into the slot provided, ensuring that the alignment is the same as indicated by the logo next to the slot. The gold contacts on the card should be facing downwards.

Note: Always unplug and turn off the router before installing or removing the SIM card. Never insert or remove the SIM card while the router is in use.

3. Press and hold the power button on the top side of the router.
 - a. **“Welcome”** will be displayed on the screen as the router performs its initialization processes.
 - b. After a few moments, the LCD will change to a home screen. The network name (SSID) and password of the DWR-932 can be accessed from the LCD screen by pressing the power button. For more details on the LCD display, please refer to **“LCD Display”** on page 5.



Driver Installation

When you plug the DWR-932 into your computer, any necessary drivers will immediately install (with your permission).

Note: *These drivers are Windows-only. Mac and Linux users will still be able to configure the DWR-932 using the web configuration utility described in “**Configuration Utility**” on page 12.*

Wireless Installation Considerations

The DWR-932 can be accessed using a wireless connection from anywhere within the operating range of its wireless network. Keep in mind that the quantity, thickness, and location of walls, ceilings, or other objects that the wireless signals must pass through may adversely affect wireless signals. Ranges vary depending on the types of materials and background RF (radio frequency) noise in your home or office. The key to maximizing the wireless range is to follow these basic guidelines:

1. Minimize the number of walls and ceilings between the router and other network devices. Each wall or ceiling can reduce your adapter's range from 3 to 90 feet (1 to 30 meters).
2. Be aware of the direct line between network devices. A wall that is 1.5 feet thick (0.5 meters) appears to be almost 3 feet (1 meter) thick at a 45-degree angle. At a 2-degree angle it appears 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. Try to position access points, wireless routers, and computers so that the signal passes through open doorways. Materials such as glass, metal, brick, insulation, concrete, and water can affect wireless performance. Large objects such as fish tanks, mirrors, file cabinets, metal doors, and aluminum studs may also have a negative effect on range.
4. If you are using a 2.4 GHz cordless phone, make sure that the 2.4 GHz phone base is as far away from your wireless device as possible. The base transmits a signal even when the phone is not in use. In some cases, cordless phones, X-10 wireless devices, and electronic equipment such as ceiling fans, fluorescent lights, and home security systems may dramatically degrade wireless connectivity.

Configuration

This section will show you how to configure your new D-Link mobile router using the configuration utility that can be obtained through a software interface or a web-based user interface.

Initial Connection to the Router

When configuring the router for the first time, you will need to establish a direct connection with the router in order to access the web-based configuration utility. This can be done using the included USB cable, or by connecting wirelessly to the DWR-932, as described in “**Connect via Wi-Fi**” on page 10. Once you have configured your router, you will be able to connect using the Wi-Fi settings that you have specified in the configuration process. Ensure that the router is powered on and has sufficient battery power before commencing the setup process.

Connect via USB

To connect to the router via USB, plug the provided Micro-USB cable into the Micro-USB port on the bottom of the router, and plug the other end into an available USB port on your computer. Your router is now ready for configuration, please refer to the “**Configuration Utility**” on page 12 to continue the setup process.

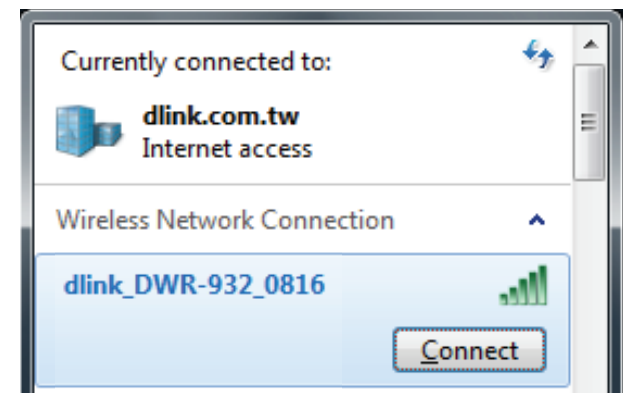
Connect via Wi-Fi

Note: The following example uses Windows 7's built-in wireless connection utility. If you are using a different operating system, or a third party connection utility, the process may be different. Please refer to the documentation that came with your operating system or wireless client for further information on how to connect to a wireless network.

To connect to the router using Wi-Fi, open your operating system's wireless networking utility and scan for available networks to connect to. By default, the network name (SSID) of the DWR-932 will be in the format **dlink_DWR-932_XXXX**, where "XXXX" represents the last four character's of the DWR-932's MAC address.

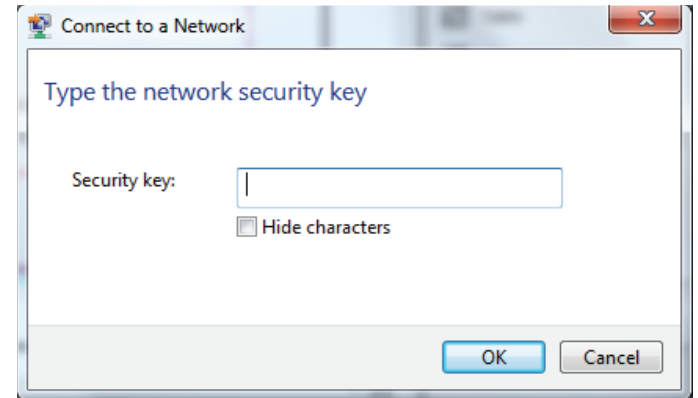


Once you have located this network with your wireless utility, connect to the network using the wireless networking utility.



You will then be prompted to enter the network security key for your router. The unique security key for your router will be displayed on the DWR-932's screen. Enter the security key in the box provided and click **OK**. Your wireless connection utility will confirm that the connection is successful, and you can move to the next step to continue to the configuration process.

You can also set up a connection using the Windows built in WPS feature. Please see "**Connecting to a Wireless Network**" on page 68.



Web-based Configuration

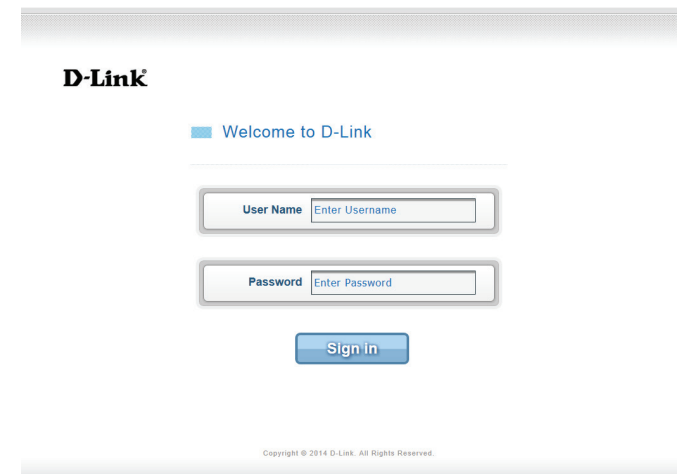
To access the configuration utility, open a web browser (such as Internet Explorer) and enter the IP address of the router, which is **192.168.0.1** by default.



Configuration Utility

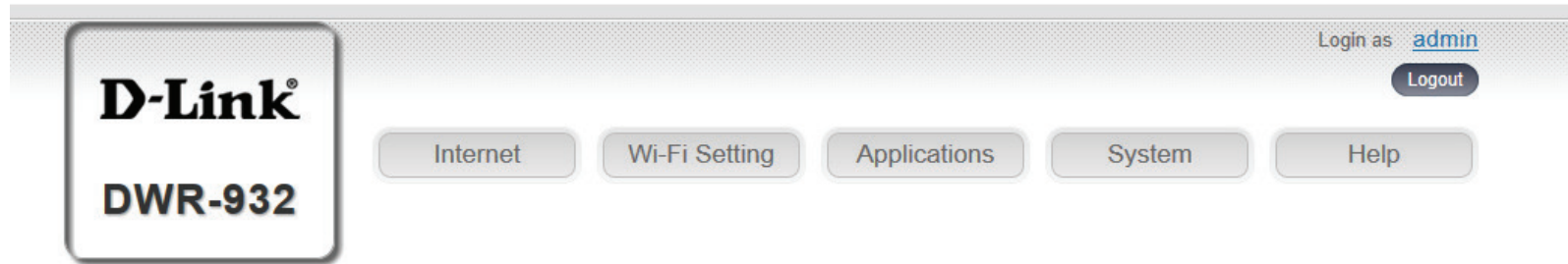
Once you have reached the configuration utility through your web browser, you will need to log in. Enter **admin** as the username, and then enter the password. By default, the password is blank.

Click **Sign in** to continue.



Navigation

On the homepage of the interface, you will find a menu bar at the top of the page which includes tabs for easy navigation, and a summary bar in the upper right corner with a quick view of essential information.



Internet The **Internet** tab allows you to configure your Internet settings.

Wi-Fi Setting The **Wi-Fi Setting** allows you to configure your Wi-Fi network, as well as add new devices using WPS.

Applications The **Applications** tab allows you to configure firewall and security settings to protect your network from WAN-side intrusions.

System The **System** tab allows you to view system information and alter your login password.

Help From the **Help** tab, you can access a general mobile router FAQ.

Quick Access

A quick access page will be displayed on the initial homepage for the DWR-932. The headings below link through to windows where you can alter settings in more detail.

Internet This area displays your Internet provider, the type of Internet service you are using, the signal strength and your current data usage.

Connection Mode This area displays the length of connection time and allows you to change between **Always Connect** and **Manual Connect**.

Wi-Fi The Wi-Fi section displays the number of devices currently connected to the router.

Messaging This area displays the number of SMS messages in your inbox and draft messages. You can also access your microSD card here through the SD Sharing icon.

Power Saving This area displays whether power saving features have been selected, such as sleep mode.



Network Setup Setup Wizard

The **Wizard** page will guide you through the steps required to configure the basic settings of your router such as the IP address, network name (SSID), and password. Click on the **Setup Wizard** button to begin the quick setup wizard.

The screenshot displays the D-Link DWR-932 web interface. At the top left is the D-Link logo and model number DWR-932. On the top right, it shows 'Login as admin' with a 'Logout' button. A navigation bar contains buttons for 'Internet', 'Wi-Fi Settings', 'Applications', 'System', and 'Help'. The main content area features three panels: 'Internet' on the left showing 20916 MB used and connection mode options; a central panel with a router image, SSID 'dlink DWR-932 20B1', and IP 'Web: 192.168.0.1'; and 'Wi-Fi' on the right showing 2.4 GHz, 1 user, and message status. A large 'Setup Wizard' button is centered below the router image. At the bottom, a copyright notice reads 'Copyright © 2014 D Link. All Rights Reserved.'

Connection Settings

In this section you can configure your connection settings. Depending on your mobile service provider, you may have to input optional settings before use, if so, you may need to contact your service provider regarding these details.

APN For LTE/3G

APN Selection Mode Choose to either automatically or manually select an APN.

Allow Data Roaming Select this if you want to allow data roaming.

APN Enter your service provider's APN.

User Name and Password (optional) Enter the username and password provided by your service provider.

If you choose to manually select your APN.

Auto (PAP & CHAP) Both PAP and CHAP combined. Select this if your service provider uses this protocol.

PAP Password Authentication Protocol. Select this if your service provider uses this protocol.

CHAP Challenge Handshake Authentication Protocol. Select this if your service provider uses this protocol.

Click **Next** to move to the next section.

Setup Wizard

1 Connection Settings | 2 Wi-Fi Status | 3 Admin Settings | 4 Apply Settings

APN For LTE/3G

APN Selection Mode: Auto

Allow Data Roaming:

APN: internet

User Name:

Password:

Next

Setup Wizard

1 Connection Settings | 2 Wi-Fi Settings | 3 Admin Settings | 4 Apply Settings

APN For LTE/3G

APN Selection Mode: Manual

Allow Data Roaming:

APN: internet

User Name:

Password:

APN Method: Auto (PAP & CHAP)

Next

Wi-Fi Status

In this section you have the option of changing your Wi-Fi access name and password as well as security features, making your network extra secure for you and your friends.

Wi-Fi 2.4 GHz Access Name

Access Name Wi-Fi 2.4 GHz

The name of your wireless access point.

Encryption Mode

By default advanced protection is selected. You may also select between basic protection or no protection.

WPA Mode

Auto (WPA or WPA2) - The router will automatically determine the version of WPA to be used based on the client that is connecting to it.

WPA2 - Clients will only be able to associate with the router using the WPA2 standard. Clients which do not support WPA2 will not be able to associate with the router.

Cipher Mode

AES - A newer cipher used by the WPA2 standard. Use of this cipher type is required in order to achieve 802.11 speeds.

Pre -Shared Key

The pre-shared key is the password which clients will require in order to connect to your network. Enter a password of between 8 and 63 characters in length.

Click **Next** to move to the next section.

The screenshot shows the 'Setup Wizard' window with four steps: 1 Connection Settings, 2 Wi-Fi Status (selected), 3 Admin Settings, and 4 Apply Settings. The 'Wi-Fi 2.4 GHz Access Name' section contains the following fields:

- Access Name Wi-Fi 2.4 GHz: TN_private_331774
- Encryption Mode: Advanced Protection
- WPA Mode: WPA2
- Cipher Type: AES
- Pre-Shared Key: [Redacted] with a 'New Key' button and a 'Show Characters' checkbox.

At the bottom right, there are 'Previous' and 'Next' buttons.

Admin Settings

In this section, you can adjust your admin username and password for logging in via your web browser to access the router settings, as well as the time and date.

Admin Settings

Username Enter your desired username here.

Password Enter your desired password here.

Language Select your desired language here.

Date & Time

SNTP Toggle the switch to **Enable** or **Disable** to automatically synchronize the time with a Simple Network Time Protocol (SNTP) server.

Time Zone Select your current Coordinated Universal Time zone (UTC).

Date & Time Adjust the dials on the screen with your mouse cursor or pointer to set the time and date.

Selected Date and Time Displays your new, dial adjusted time.

Click **Next** to move to the next section.

The screenshot shows the 'Setup Wizard' interface for the 'Admin Settings' step. At the top, there are four progress indicators: '1 Connection Settings', '2 Wi-Fi Status', '3 Admin Settings' (highlighted), and '4 Apply Settings'. The 'Admin Settings' section includes:

- Username:** A text input field containing 'admin'.
- Password:** An empty text input field.
- Confirm Password:** An empty text input field with a 'Show Characters' checkbox to its right.
- Language:** A dropdown menu currently set to 'English'.
- Date & Time:**
 - SNTP:** A toggle switch that is currently turned off.
 - Time Zone:** A dropdown menu set to 'UTC+8'.
 - Date & Time:** A digital dial interface with buttons for Month (04), Day (03), Year (2014), Hour (06), Minute (34), and AM/PM (PM).
 - Selected Date and Time:** A text field displaying '04/03/2014 06:34 PM'.

At the bottom right, there are 'Previous' and 'Next' navigation buttons.

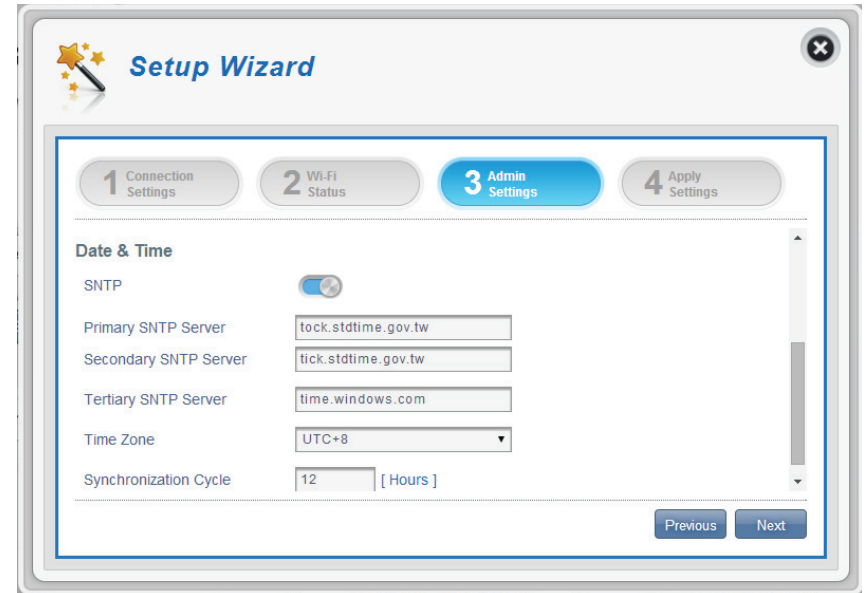
If you enabled automatically synchronize the time with a SNTP server:

Primary, Secondary and Tertiary SNTP Server Enter a SNTP server address which will be used to synchronize the router's system time and date.

Time Zone Enter the time zone where you are currently using the DWR-932 to accurately set the time.

Synchronization Cycle You can specify in hours how frequently the DWR-932 will update the time from a SNTP server.

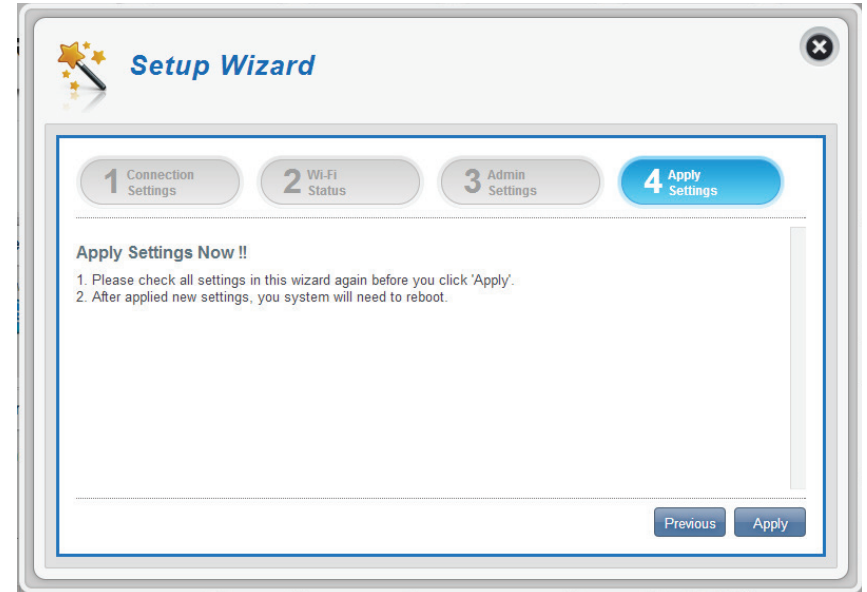
Click **Next** to move to the next section.



Apply Settings

Check all settings in the wizard and click **Apply**. After applying the new settings you will need to reboot your system.

Click **Apply** to save changes.



Internet Settings

Network Status

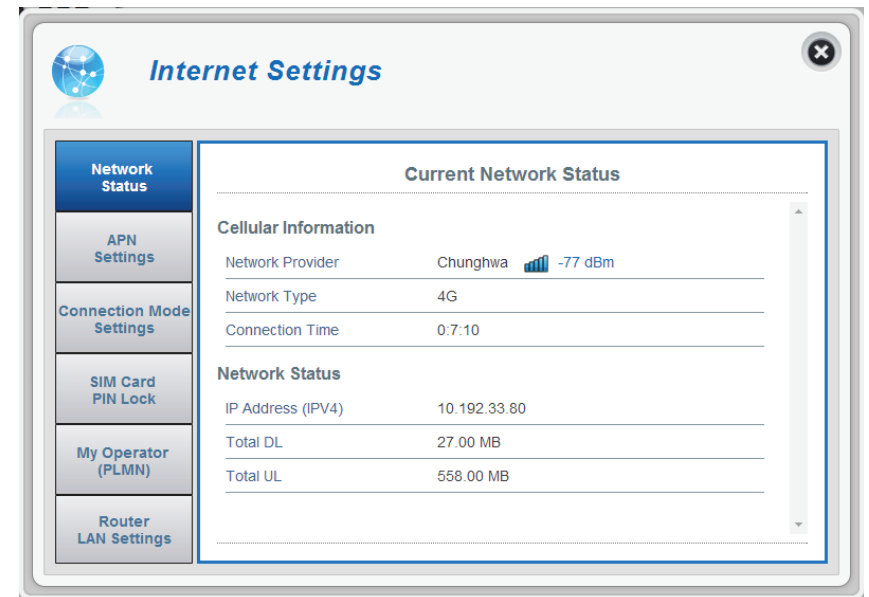
In this section you can check your current network status as well as your service provider and data usage.

Cellular Information

- Network Provider** Displays your current network provider and signal strength.
- Network Type** Displays the type of network you are connected to, such as 2G, 3G or 4G.
- Connection Time** The length of time you have been connected to the network.

Network Status

- IP Address (IPV4)** Displays your current IP address.
- Total DL** Displays your average download speed.
- Total UL** Displays your average upload speed.



APN Settings

In this section you can configure your APN settings. Depending on your mobile service provider, you may have to input optional settings before use, if so, you may need to contact your service provider regarding these details.

Access Point Name (APN) Settings

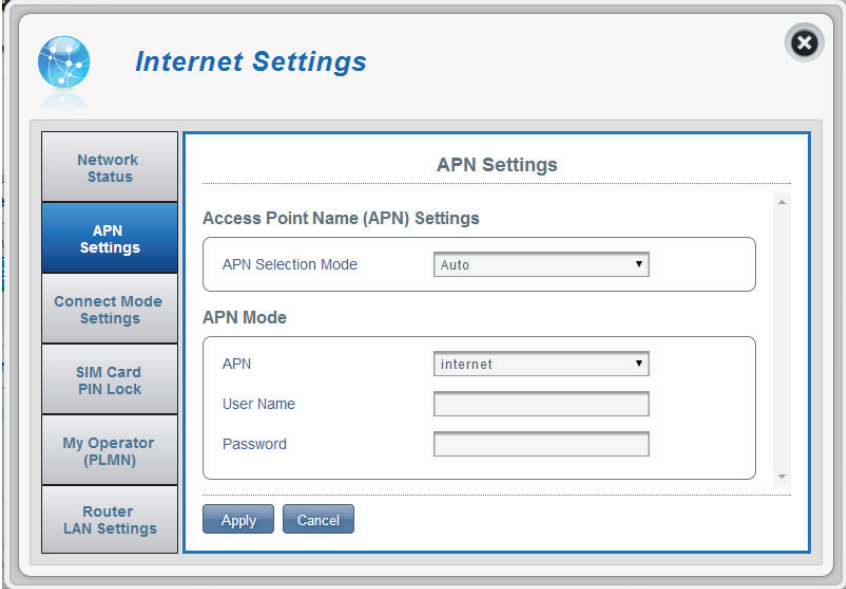
APN Selection Mode **Auto Connect**

Check this option if you want the DWR-932 to automatically connect to a mobile network after it has been powered on, or has been disconnected from its current mobile network.

Manual

Enter the Access Point Name (APN) for the connection. If you do not know this information, please contact your service provider.

Click **Apply** to save changes.



The screenshot displays the 'Internet Settings' window. On the left is a navigation menu with options: Network Status, APN Settings (highlighted), Connect Mode Settings, SIM Card PIN Lock, My Operator (PLMN), and Router LAN Settings. The main area is titled 'APN Settings' and contains two sections: 'Access Point Name (APN) Settings' with a dropdown for 'APN Selection Mode' set to 'Auto', and 'APN Mode' with dropdowns for 'APN' (set to 'Internet'), 'User Name', and 'Password'. 'Apply' and 'Cancel' buttons are at the bottom.

If you choose to manually select your APN:**APN Mode**

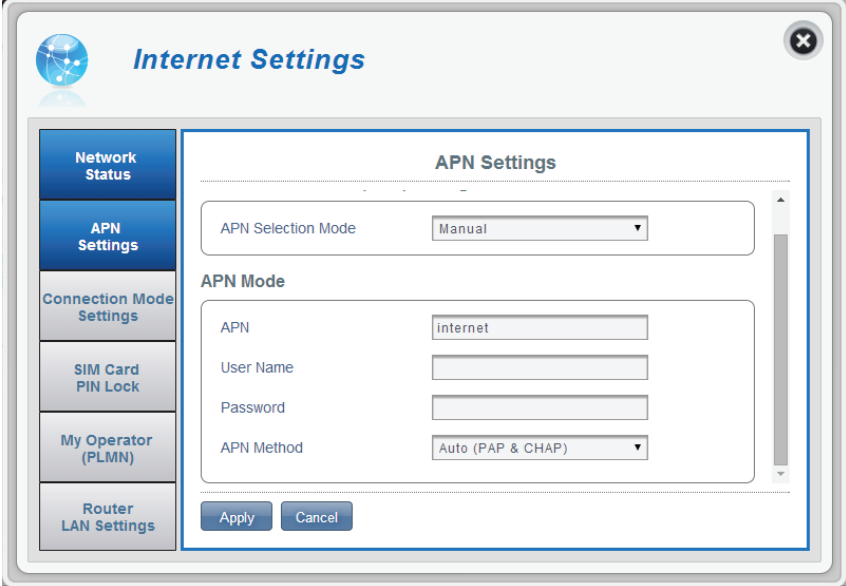
APN If you are already connected to a mobile network, your ISP will provide the necessary APN which you can select from the drop down list.

User Name Enter the username to be used for this connection.

Password Enter the password to be used for this connection.

APN Method Choose the authentication method that your ISP uses to connect to its mobile network. If you do not know this information, please contact your service provider. For more information refer to “**Connection Settings**” on page 16.

Click **Apply** to save changes.



The screenshot shows the 'Internet Settings' window with a sidebar on the left containing the following menu items: Network Status, APN Settings (highlighted), Connection Mode Settings, SIM Card PIN Lock, My Operator (PLMN), and Router LAN Settings. The main content area is titled 'APN Settings' and contains the following fields:

- APN Selection Mode: Manual (dropdown menu)
- APN Mode section containing:
 - APN: internet (text input)
 - User Name: (text input)
 - Password: (text input)
 - APN Method: Auto (PAP & CHAP) (dropdown menu)

At the bottom of the main content area are 'Apply' and 'Cancel' buttons.

Connect Mode Settings

This section allows you to choose your desired cellular network, allow data roaming and control your connection mode.

Cellular Settings

Preferred Cellular **Auto** - automatically connects to a mobile network.

2G mode - only connects to a 2G mobile network.

3G mode - only connects to a 3G mobile network.

4G mode - only connects to a 4G mobile network.

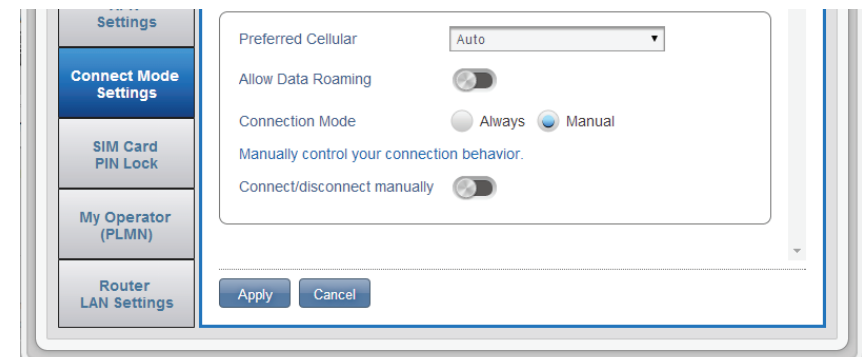
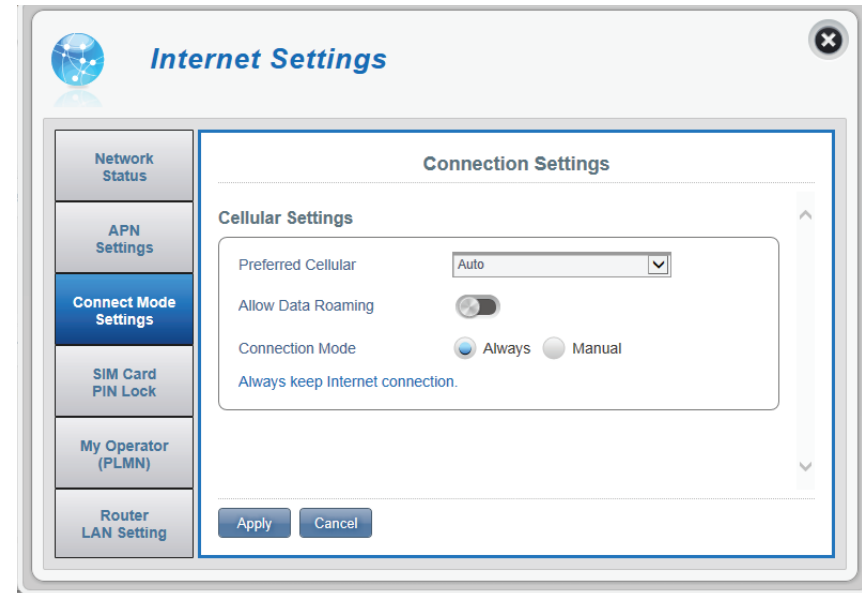
Allow Data Roaming Select this if you want to allow data roaming. Data roaming lets you use an Internet connection internationally outside of your Internet provider's coverage. Enabling this feature can lead to very high data expenses.

Connection Mode Choose between **Always** or **Manual** for connecting to the Internet.

If you selected Manual Connection Mode:

Connect/disconnect manually Toggle the switch to enable/disable your Internet.

Click **Apply** to save changes.



SIM Card PIN Lock Settings

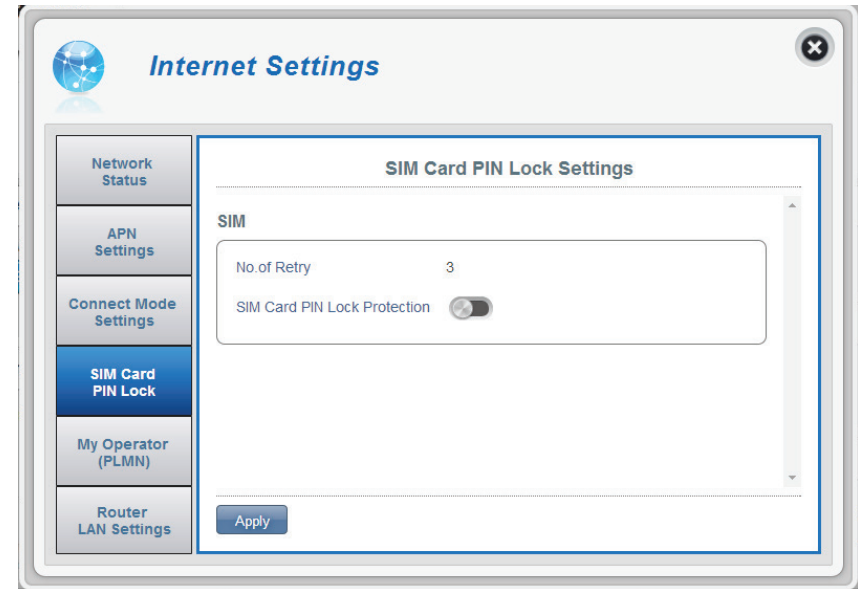
This section allows you to lock the SIM card currently inserted into the DWR-932.

SIM

No. of Retry The number of retries left to access your SIM.

Note: *If you exceed the number of retries, you will be locked from using your SIM.*

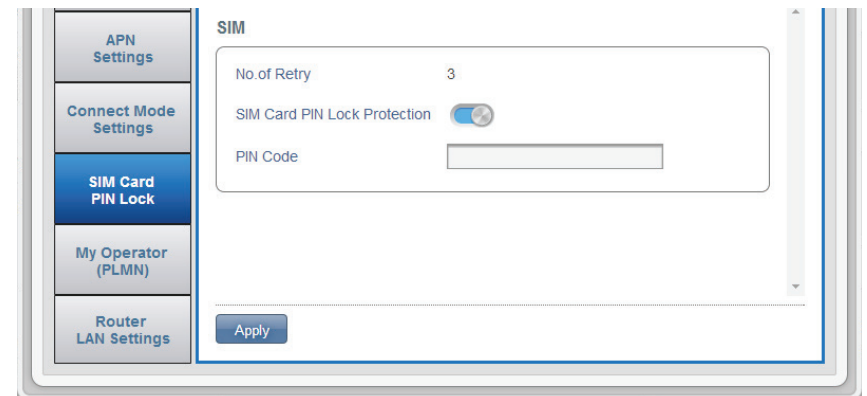
SIM Card PIN Lock Protection Move the toggle to enable **SIM card PIN Lock Protection**. In order to use this function you need to know the PIN of the SIM chip.



If you enabled Manual Connection Mode:

PIN Code Type your SIM's pin code here.

Click **Apply** to save changes.



My Operator (PLMN)

This page allows you to view available Public Land Mobile Networks (PLMN). This page can also be used to select a preferred network when you are roaming outside of your home network.

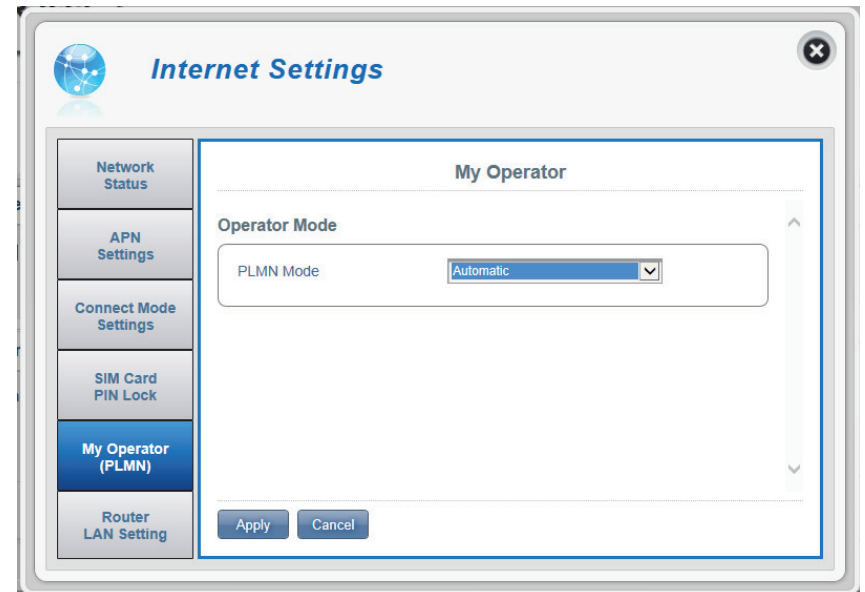
Operator Mode (PLMN)

PLMN Mode Displays the current mode the DWR-932 is operating in.

Select **Automatic** to allow the DWR-932 to automatically connect to the first available network when roaming.

Select **Manual** to choose your preferred roaming network from the list below.

Click **Apply** to save changes.



If you selected Manual Mode:

Click on your preferred network to select it, or type in the **Search** box to find your desired network.

Note: You will need to manually disconnect from the current mobile data service before selecting a network using PLMN.

Available Operators

ID ID number assigned to each available PLMN.

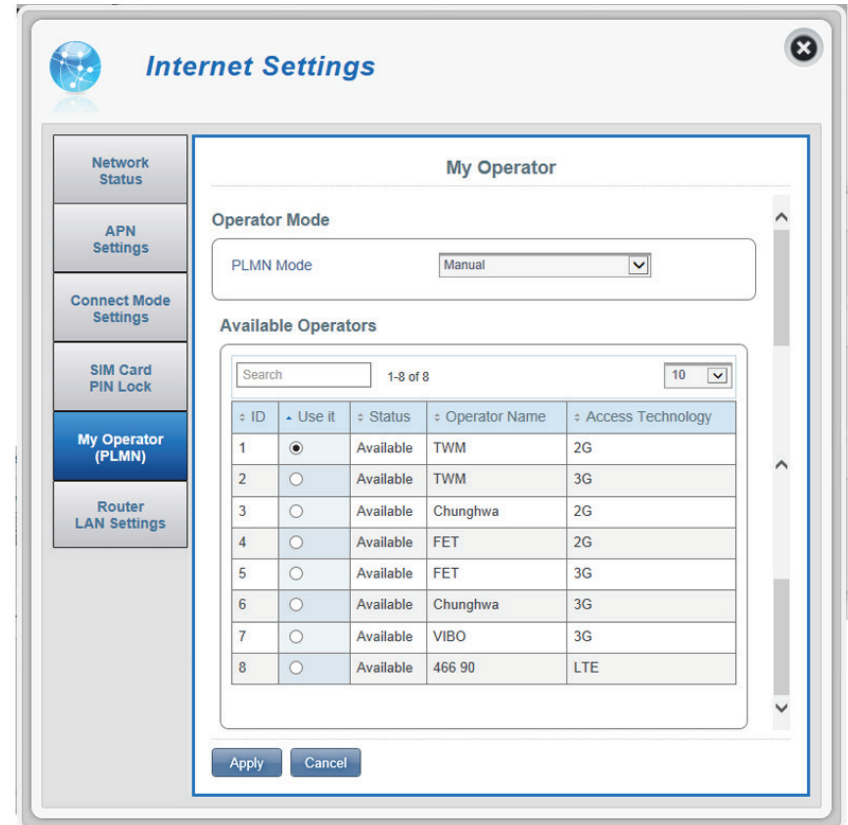
Use it Check the box to select your desired network.

Status The network's current status.

Operator Name The name of the cellular network.

Access Technology Allows you to see what the cellular network's access technology is.

Click **Apply** to save changes.



Router LAN Settings

This section lets you set up network settings for the device.

LAN Setting

LAN Setting Displays your current LAN status.

To DHCP Service Setting

The DWR-932 has a built-in DHCP server which can assign IP addresses to connected clients. This section shows your current settings and allows you to configure the IP address for the DWR-932 as well as configure its DHCP settings.

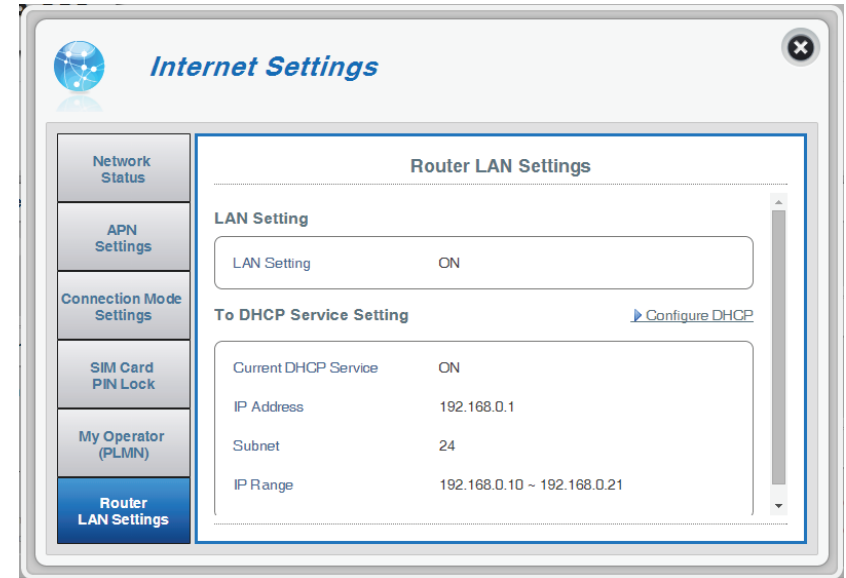
Configure DHCP This button takes you through to DHCP Settings where you can configure your IP address and IP range.

Current DHCP Service Shows if you are using the DHCP Service.

IP Address Router's current IP address.

Subnet The subnet number that your router is using.

IP Range The range of numbers that the DHCP server will give out.



If you selected Configure DHCP:

DHCP Service

Here you can configure the IP address for the DWR-932, as well as the range of IP numbers that the DHCP will give out.

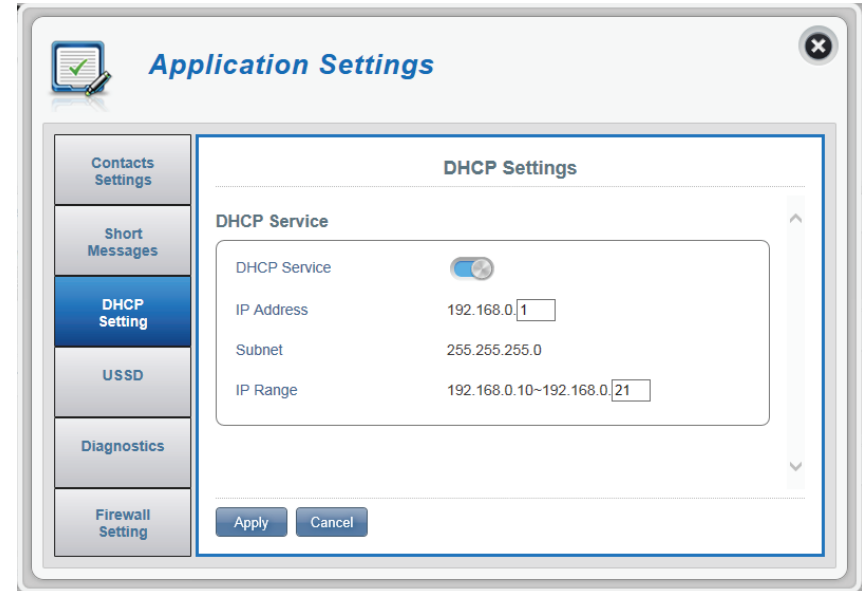
DHCP Service Enable/disable the DHCP Service.

IP Address Click on the last digit to alter your router's current IP address.

Subnet The subnet number that your router is currently using.

IP Range Click on the last digits to alter the range of numbers that the DHCP server will give out.

Click **Apply** to save changes.



Wi-Fi Settings

Wi-Fi Status

This page displays your current Wi-Fi status and Wi-Fi settings.

General Information

Wi-Fi WPS Displays whether Wi-Fi Protected Setup (WPS) is enabled and the configuration method used.

Wi-Fi 2.4 GHz Displays whether Wi-Fi is enabled.

Current Wi-Fi Clients Displays the number of people connected to your Wi-Fi network.

Wi-Fi Status

SSID Name Displays the name of your Wi-Fi network.

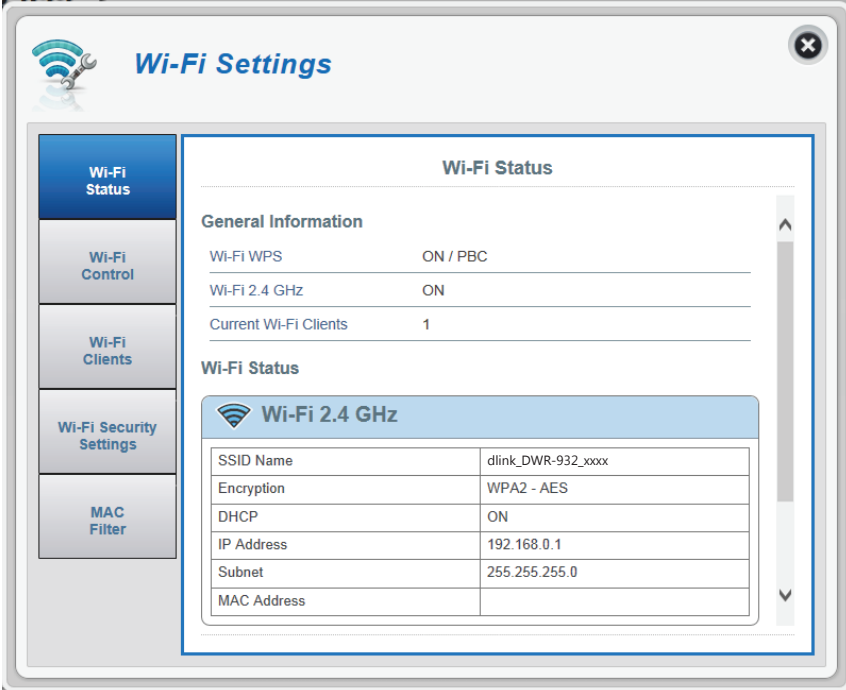
Encryption Displays your current Wi-Fi security encryption mode.

DHCP Displays whether you are using a DHCP server or not.

IP Address Your router's IP address.

Subnet Your router's subnet number.

MAC Address Your router's MAC address.



The screenshot shows the 'Wi-Fi Settings' interface. On the left is a navigation menu with options: Wi-Fi Status (selected), Wi-Fi Control, Wi-Fi Clients, Wi-Fi Security Settings, and MAC Filter. The main content area is titled 'Wi-Fi Status' and is divided into two sections: 'General Information' and 'Wi-Fi Status'. The 'General Information' section contains three rows: 'Wi-Fi WPS' (ON / PBC), 'Wi-Fi 2.4 GHz' (ON), and 'Current Wi-Fi Clients' (1). The 'Wi-Fi Status' section is further divided into a 'Wi-Fi 2.4 GHz' sub-section, which contains a table with the following data:

Wi-Fi 2.4 GHz	
SSID Name	dlink_DWR-932_xxxx
Encryption	WPA2 - AES
DHCP	ON
IP Address	192.168.0.1
Subnet	255.255.255.0
MAC Address	

Wi-Fi Control

Wi-Fi 2.4 GHz

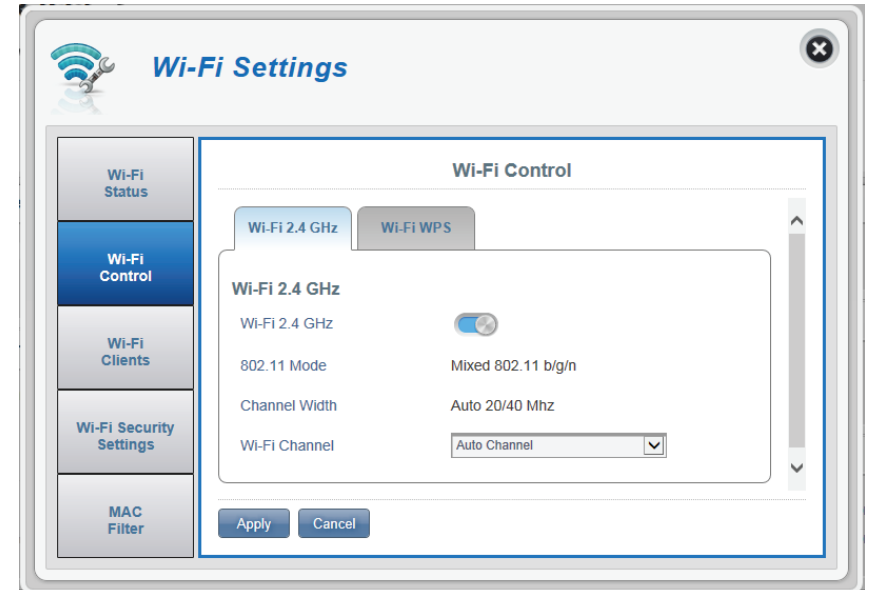
Wi-Fi 2.4 GHz Toggle the switch to enable/disable Wi-Fi functionality on your router.

802.11 Mode The type of Wi-Fi connection currently being accepted by the router.

Channel Width The current channel width being used by your router.

Wi-Fi Channel Choose the clearest channel to help optimize the performance and coverage of your wireless network. By default the channel is set to **Auto Channel**. This can be changed to fit the channel setting for an existing wireless network or to customize your wireless network.

Click **Apply** to save changes.



Wi-Fi WPS

PBC PBC (Push Button Configuration) enables you to easily connect your devices to the DWR-932 by pushing a PBC button on both devices. Simultaneously click **Start Via PBC**, as well as your device's PBC button, to begin the Wi-Fi Protected Setup feature.

Use PIN Mode Move the toggle to enable PIN protection for use with the Wi-Fi Protected Setup feature.

PIN The PIN is a unique number that can be used to configure your router.

Click **Apply** to save changes.



Wi-Fi Clients

This page shows your current client list and allows you to filter clients by host name, IP address and MAC address. This filtering option enables you to allow or deny access to specific wireless clients.

Wi-Fi 2.4 GHz Clients List

Host Name A unique name for each wireless client that is connected to your router.

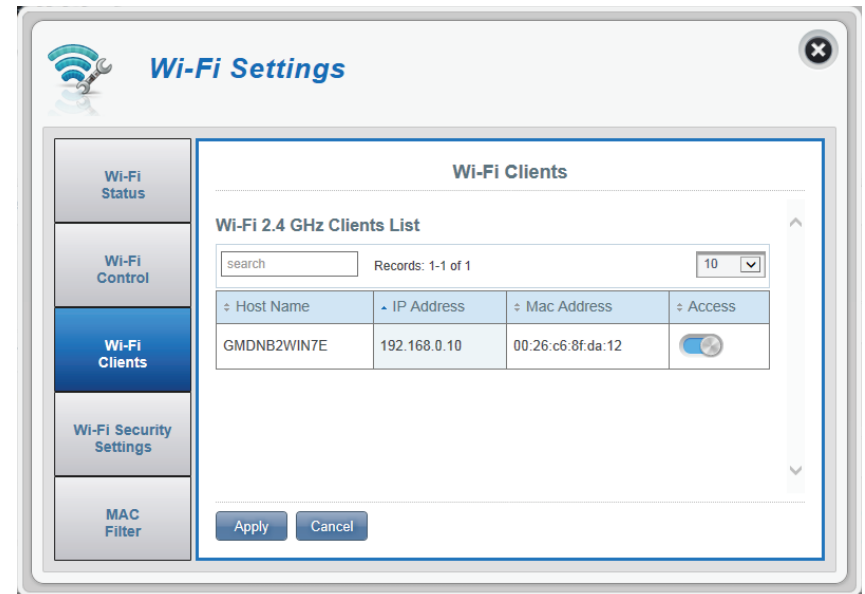
IP address The network address of the wireless client that is connected to your router.

MAC address The hardware address of the client's wireless adapter.

Access Toggle this switch to allow or deny access to specific clients.

Note: If you deny access to a Wi-Fi client you will see their MAC address in **"MAC Filter"** on page 36. You can re-allow access to the client there.

Click **Apply** to save changes.



Wi-Fi Security Settings

In this page you can view your Wi-Fi security settings, here you can alter things like your SSID name, SSID visibility and access Wi-Fi security features.

Wi-Fi 2.4 GHz SSID

SSID For Wi-Fi 2.4 GHz Displays the name of your Wi-Fi network. Click in the box to edit.

SSID Visibility Click the toggle to change your SSID visibility to clients.

Max Client Number The maximum amount of clients allowed on your network.

Protection By default advanced protection is selected. You may also select between basic protection or no protection.

WPA Mode **Auto (WPA or WPA2)** - The router will automatically determine the version of WPA to be used based on the client that is connecting to it.
WPA2 - Clients will only be able to associate with the router using the WPA2 standard. Clients which do not support WPA2 will not be able to associate with the router.

Cipher Type **AES** - A newer cipher used by the WPA2 standard. Use of this cipher type is required in order to achieve 802.11 speeds.



Pre-Shared Key The pre-shared key is the password which clients require in order to connect to your network. Enter a password of between 8 and 63 characters in length.

Click **Apply** to save changes.

MAC Filter

This page allows you to set MAC filters (Media Access Control) which allow or deny LAN (Local Area Network) computers from accessing the network. A MAC address is a unique ID assigned by the manufacturer for devices that connect to a 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 router.

MAC Filter Settings

MAC Filter Toggle this switch to enable/disable the MAC filter.

MAC Filter For Black List Here is a list of clients' MAC addresses that have been denied access to your network.

ID ID number given to black listed clients by your router.

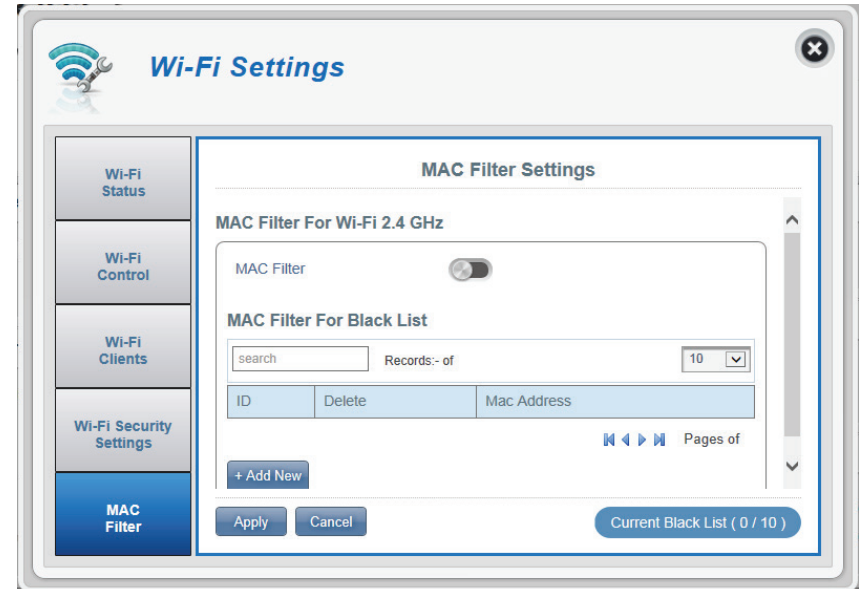
Delete Check this box to delete clients from the black list.

MAC Address Specify the MAC address of the computer to be filtered.

Add New Select the **Add New** button and manually enter the MAC address of the client that you wish to deny access to your network.

Note: You can view the current list of clients connected to your network and their MAC addresses in "Wi-Fi Clients" on page 33.

Click **Apply** to save changes.



Application Settings

Contacts Settings

This page lets you view, add and organize contacts stored on your SIM card and DWR-932.

Contacts On Device

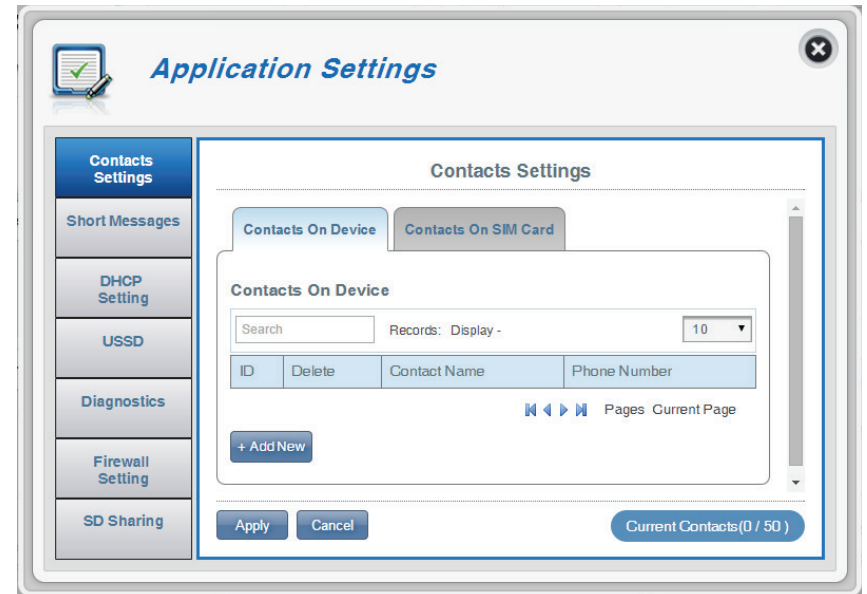
ID A number given to each contact on your SIM card.

Contact Name The name of contacts on your SIM card.

Phone Number SIM card contacts phone numbers.

Add New Click **Add New** to add a new contact to your SIM card.

Click **Apply** to save changes.



Contacts On SIM Card

ID A number given to each contact on your SIM card.

Delete Check this box to select and delete a contact on your SIM.

Contact Name The name of contacts on your SIM card.

Phone Number SIM card contacts phone number.

Add New Click **Add New** to add a new contact to your SIM card.

Click **Apply** to save changes.

Application Settings

Contacts Settings

Contacts On Device | **Contacts On SIM Card**

Contacts On SIM Card

Search Records: 1-5 of 5 10

ID	Contact Name	Phone Number
1	Henry	123456789
2	Charles	0987580352
3	Claire	0933770026
4	Tom	0946728039
5	Chris	0945328034

Current Contacts(5 / 50)

Short Messages

On the Short Messages Settings page you can organize, send and receive Short Message Service (SMS) messages by selecting between a setup, inbox and drafts tab. These messages can either be saved to the DWR-932 4G/LTE Mobile Router directly or on the SIM card itself.

Short Message Settings

Setup

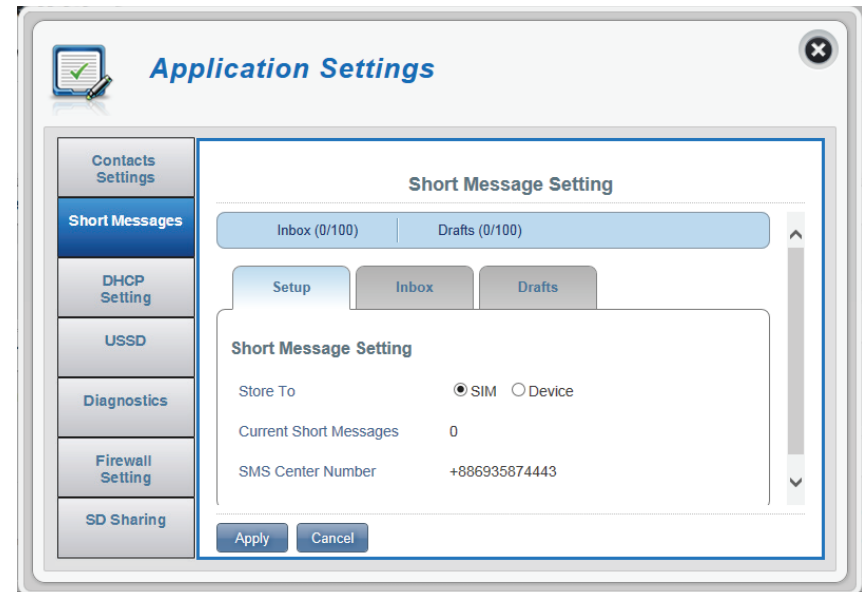
Store To Choose between storing contact numbers on your SIM card or the DWR-932 device.

Current Short Messages The current amount of messages received.

SMS Center Number Your SIM card's contact number.

Click **Add New** to add a new contact to your SIM card.

Click **Apply** to save changes.



Inbox

ID A chronological number given to each message you receive.

Delete Check this box to select and delete a message in your inbox.

From The SMS sender's number.

Time The time the message was received.

Content The SMS message's content.

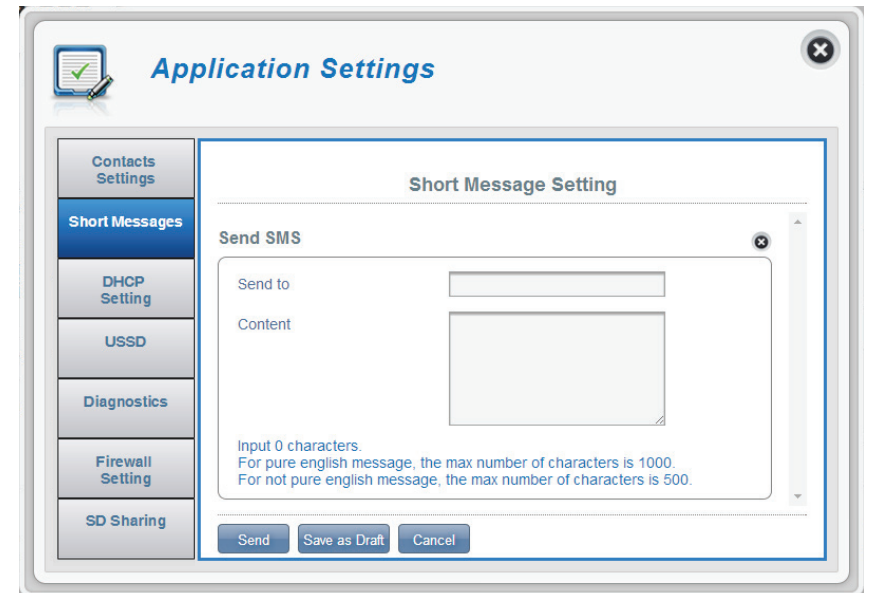
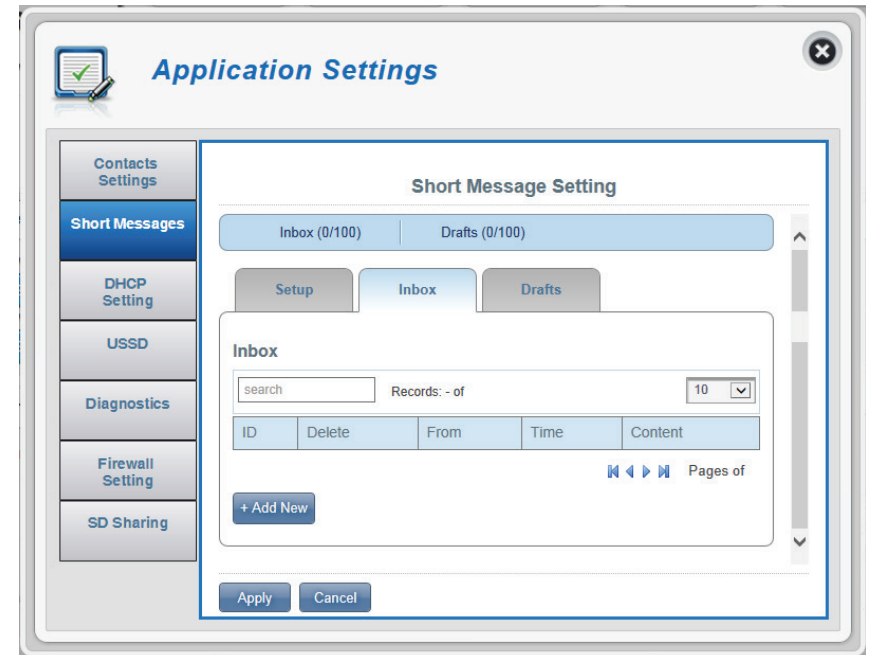
Add New Click **Add New** to send a new message.

Click **Apply** to save changes.

If you clicked **Add New**:

Send to The number or contact name of the person you wish to send the message to.

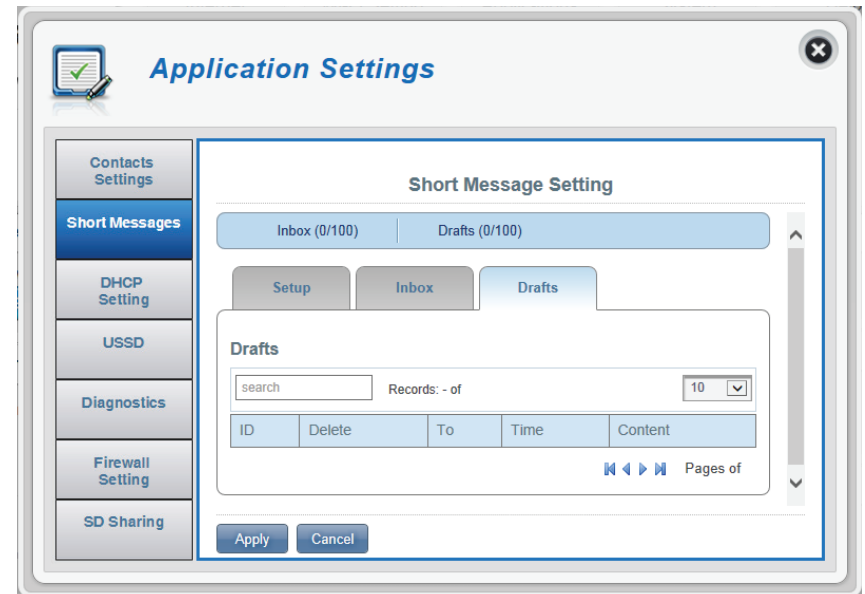
Content Type your message content here.



Drafts

- ID** A chronological number given to each message you save to draft.
- Delete** Check this box to select and delete a message in your drafts folder.
- To** The SMS sender's number.
- Time** The time the message was last edited.
- Content** The SMS message's content.

Click **Apply** to save changes.



DHCP Settings

Here you can enable your router's DHCP Service, configure the IP address for the DWR-932 as well as the IP range of numbers that the DHCP will give out.

DHCP Service

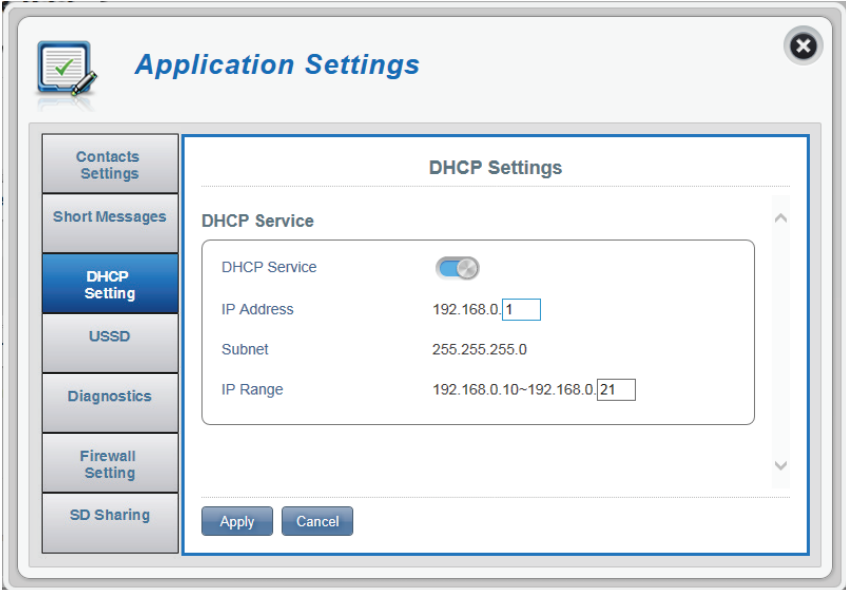
DHCP Service Enable/disable the DHCP Service.

IP Address Click on the last digit to alter your router's current IP address.

Subnet The subnet number that your router is using.

IP Range Click on the last digits to alter the range of numbers that the DHCP server will give out.

Click **Apply** to save changes.



The screenshot shows the 'Application Settings' window with the 'DHCP Setting' tab selected. The 'DHCP Settings' section is active, displaying the following configuration:

DHCP Settings	
DHCP Service	<input checked="" type="checkbox"/>
IP Address	192.168.0.1
Subnet	255.255.255.0
IP Range	192.168.0.10~192.168.0.21

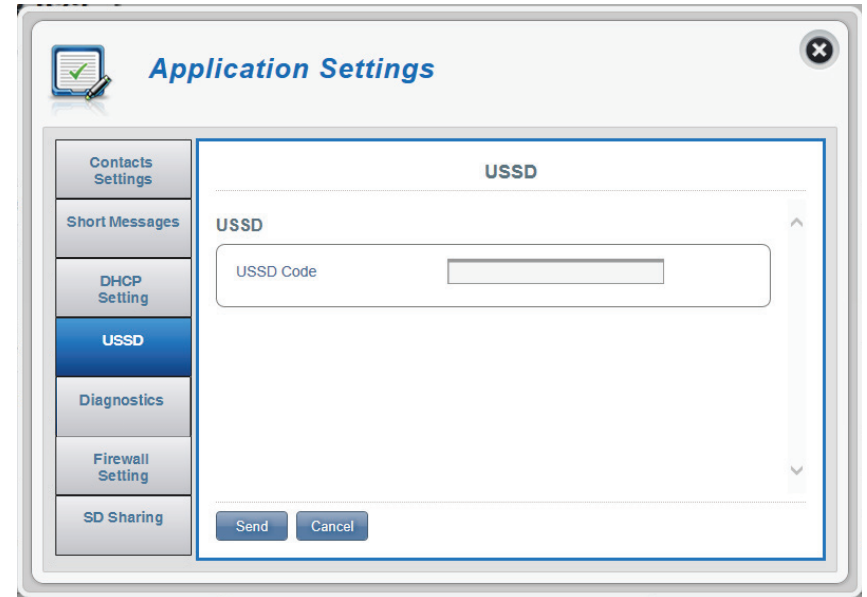
At the bottom of the settings panel, there are 'Apply' and 'Cancel' buttons.

USSD

Unstructured Supplementary Service Data (USSD) allows ISP-specific applications to be activated with a SMS message.

USSD

USSD Code Enter an application activation code and click the **Send** button. This will allow you to activate applications by sending an SMS to your ISP.



Diagnostics

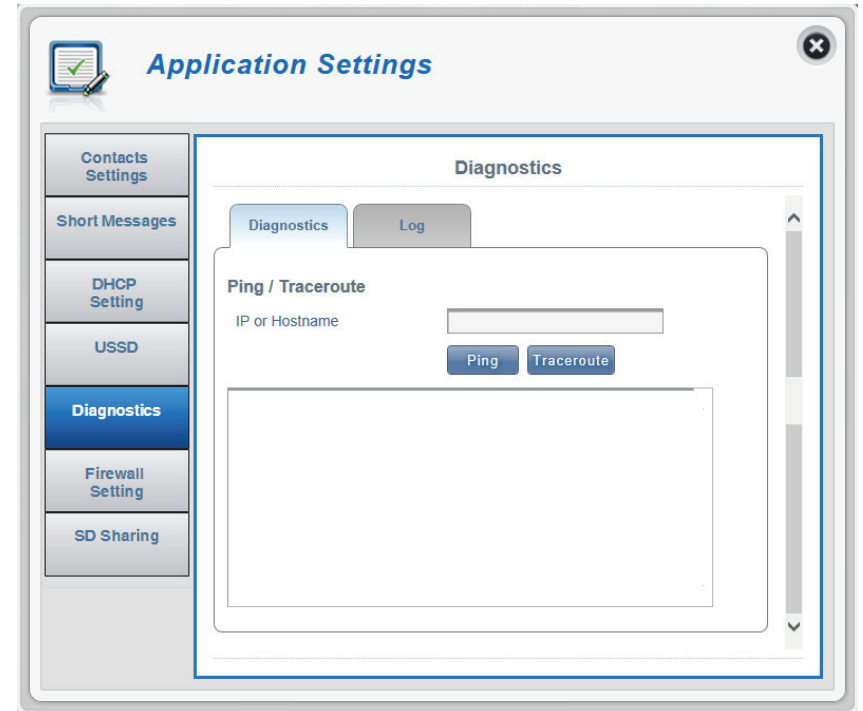
Ping / Traceroute

Diagnostics Click this tab to access the **Ping/Traceroute** function of your router.

Ping This test is used to send ping packets to test if your computer is on the Internet.

Traceroute This test displays how many IP addresses are between your router and the IP address you wish to check.

IP or Hostname Enter the IP address that you wish to check and click either **Ping** or **Traceroute**.



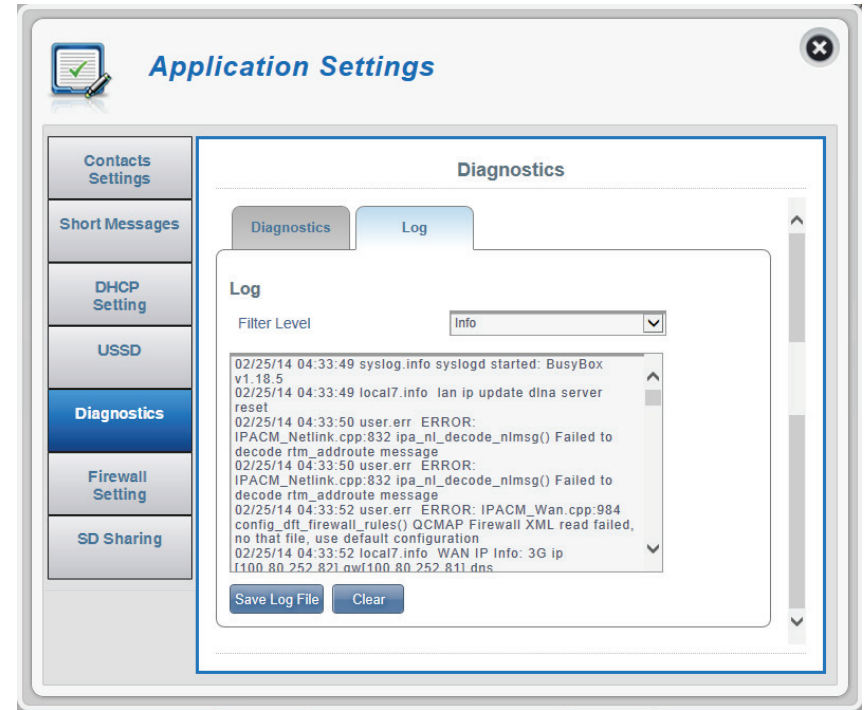
Log

Log The router keeps a running log of events and activities. You may view these in the display below.

Filter Level Select your desired filter level.

Save Log File Click this button to download the log file to your computer.

Clear Click this button to clear the current displayed data.



Firewall Settings

A firewall protects your network from the outside world, helping to prevent cyber attacks. This page allows you to alter your router's firewall settings.

Firewall Settings

DMZ Settings DMZ is short for Demilitarized Zone. Clicking this toggle will expose a chosen computer to the outside world by completely disabling all firewalls.

Note: *Only recommend for advanced users, enabling this option will potentially expose your computer to cyber attacks over the Internet.*

PPTP Pass Through Allows multiple machines on the LAN to connect to their corporate network using PPTP protocol.

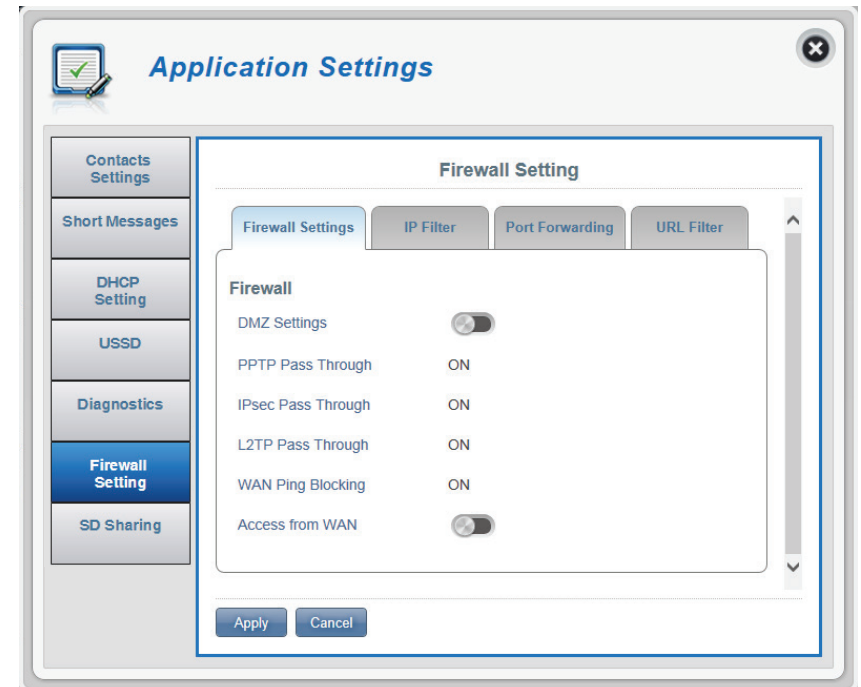
IPsec Pass Through Allows multiple machines on the LAN to connect to their corporate network using IPsec protocol.

L2TP Pass Through Allows multiple machines on the LAN to connect to their corporate network using L2TP protocol.

WAN Ping Blocking The DWR-932 will not respond to pings.

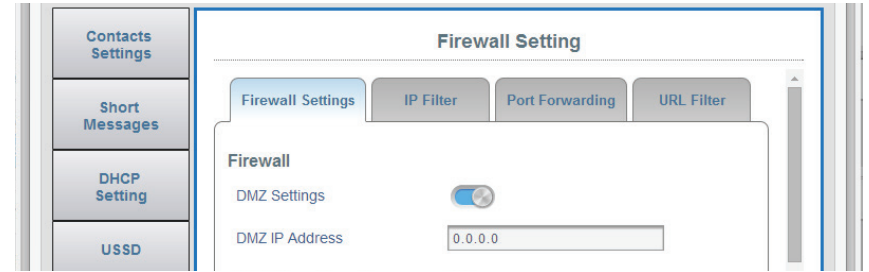
Access from WAN Clicking this toggle allows access from WAN.

Click **Apply** to save changes.



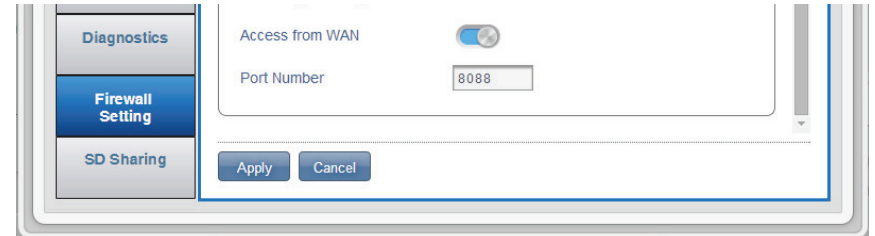
If you selected DMZ Settings:

DMZ IP Address Type in the IP address of the computer you wish to disable firewall protection on.



If you selected Access from WAN:

Port Number The port number used to access the router from the WAN.



Click **Apply** to save changes.

IP Filter

The DWR-932 can filter certain IP addresses and ports. IP filtering will help to protect your network from outside intrusions and malicious attacks.

Click **Add New** to add a new filtering rule.

ID ID number given to new IP filters.

Delete Click here to select the filters you wish to delete.

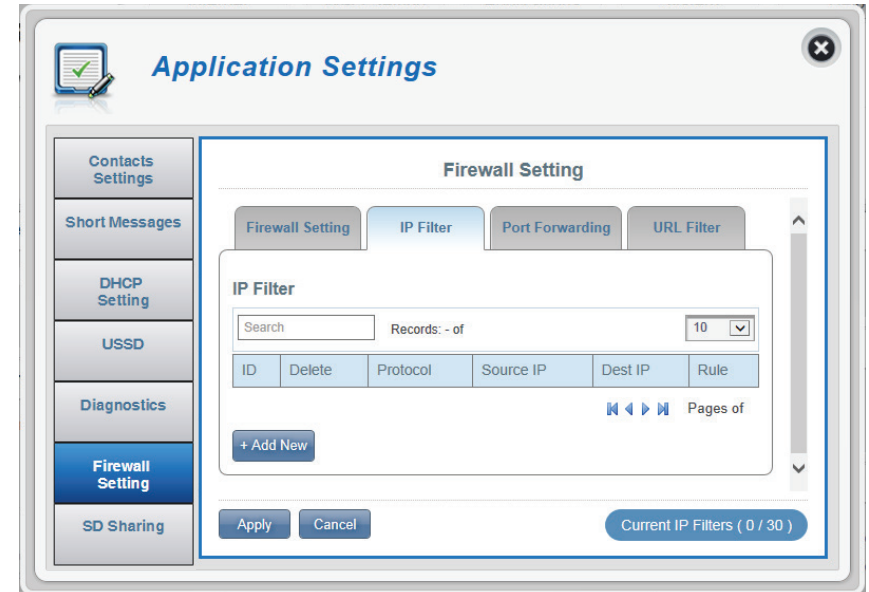
Protocol The protocol for the IP filter rule.

Source IP The source IP address to be filtered.

Dest IP The destination IP address to be filtered.

Rule The filtering rule for that filter.

Click **Apply** to save changes.



If you selected Add New IP Filter:

Add IP Filter

Policy Select whether the filter will **Drop** or **Accept** the source IP address.

Protocol Select the protocol for ports that you want to allow or deny access to. Choose between **TCP, UDP** or **ICMP** or all of the above.

Source IP Enter a single port or a range of ports that you wish to apply the changes to. Separate port numbers with a comma.

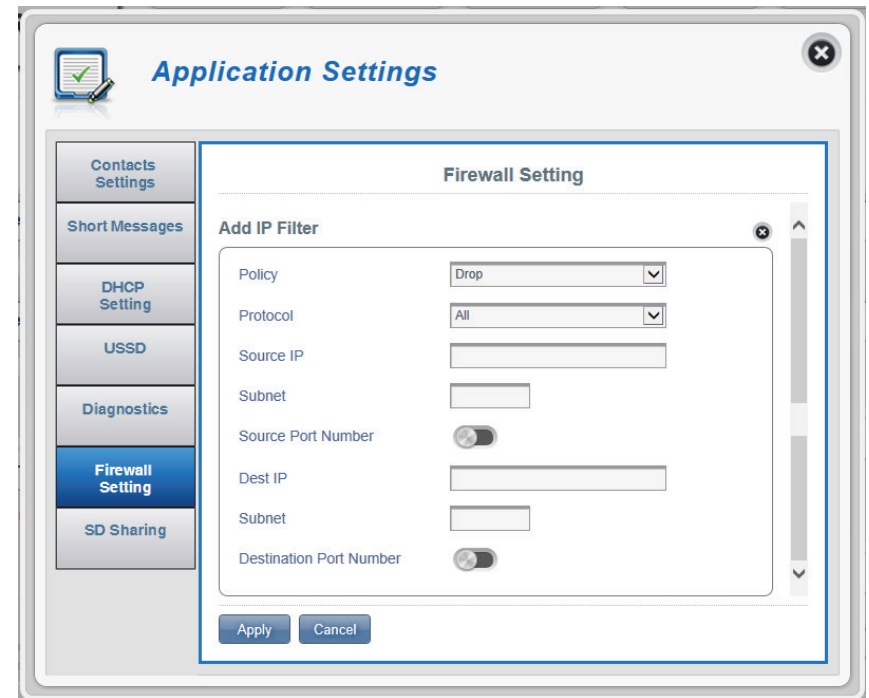
Subnet Enter a two-digit subnet number.

Source Port Number Click the toggle if you wish to enter a range of port numbers to allow or deny access to.

Dest IP Type in the destination IP address.

Subnet Enter a two-digit subnet number.

Destination Port Number Click the toggle if you wish to enter a range of port numbers to allow or deny access to.



Port Forwarding

This page will allow you to open a single port or a range of ports to specific IP addresses.

Click **Add New** to add a new port.

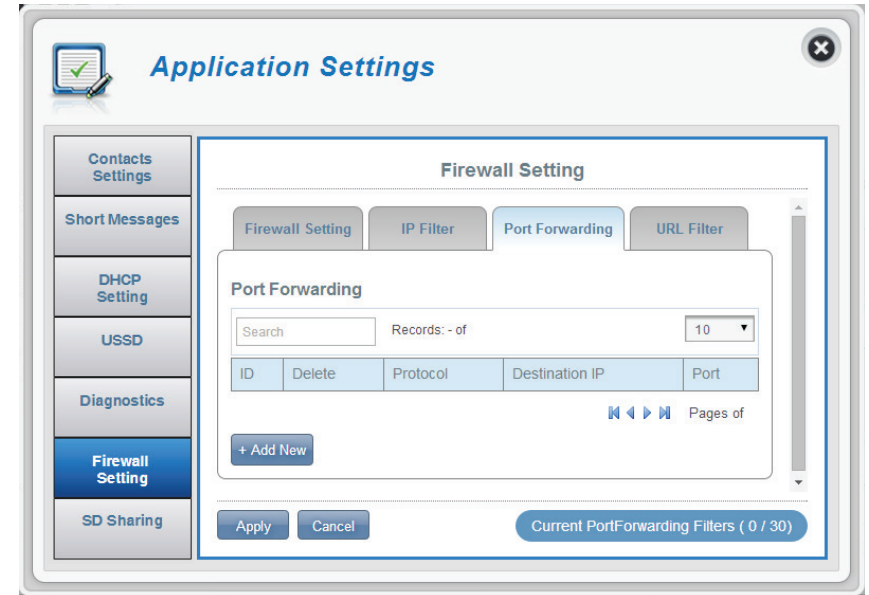
ID ID number given to the new rule.

Delete Click here to select the rules you wish to delete.

Protocol The selected protocol for the IP filter rule.

Destination IP The IP address that will be port forwarded to.

Port The port number that incoming traffic will be forwarded from.



If you selected **Add New IP Filter**:

Add Port Forwarding

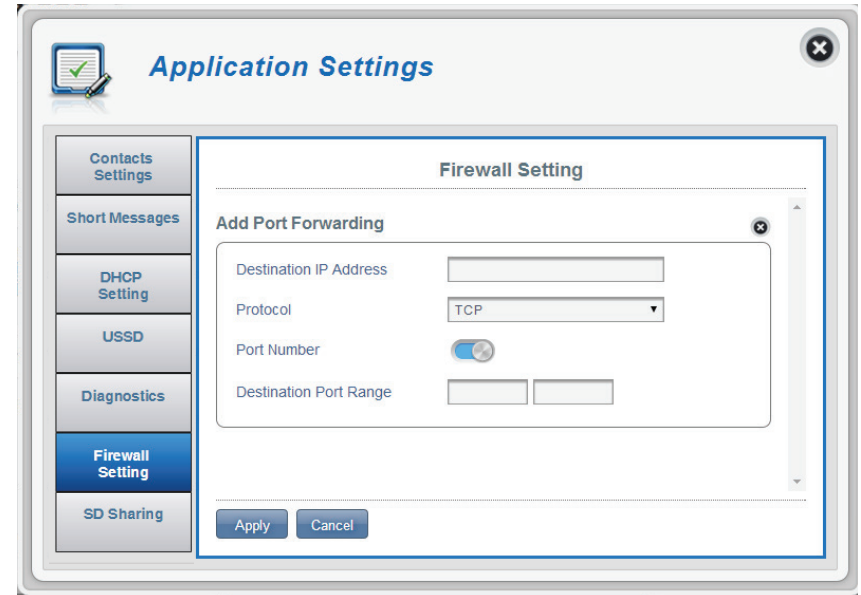
Destination IP Address The IP address you want to allow port forwarding on.

Protocol Select the protocol for ports that you want to allow or deny access to. Choose between **TCP, UDP** or **Other** .

Port Number Click the toggle to enter the ports you want port forwarding on.

Destination Port Range Enter a single port or a range of ports that you wish to allow port forwarding on. Separate port numbers with a comma.

Click **Apply** to proceed.



URL Filter

URL Filter Click the toggle to enable URL filtering.

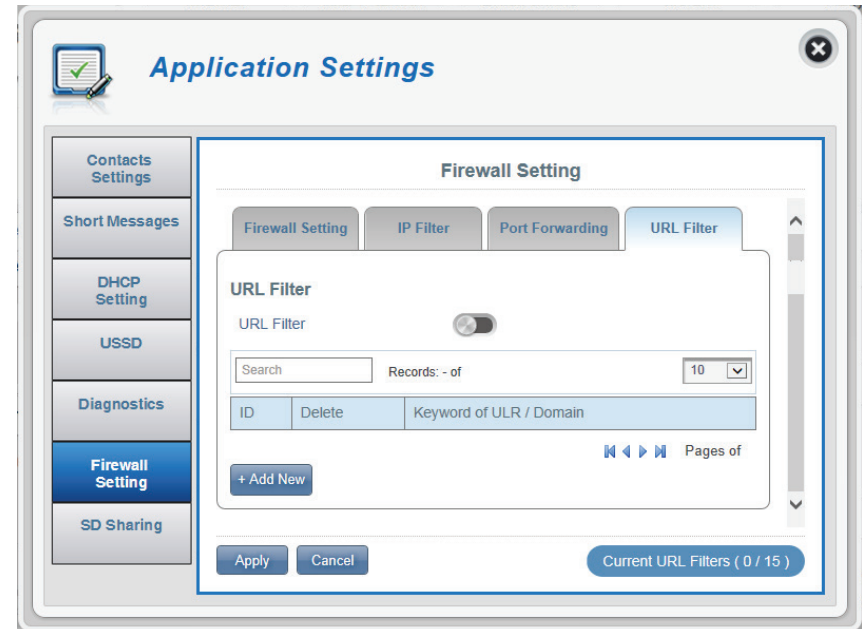
ID ID number given to the new rule.

Delete Click here to select the rules you wish to delete.

Keyword of URL/Domain The name of the URL or domain that you wish to filter.

Add New Click **Add New** to create a new URL filter.

Click **Apply** to proceed.



SD Sharing

SD sharing provides a place for you to manage, upload, and share files on your microSD card.

SD Sharing

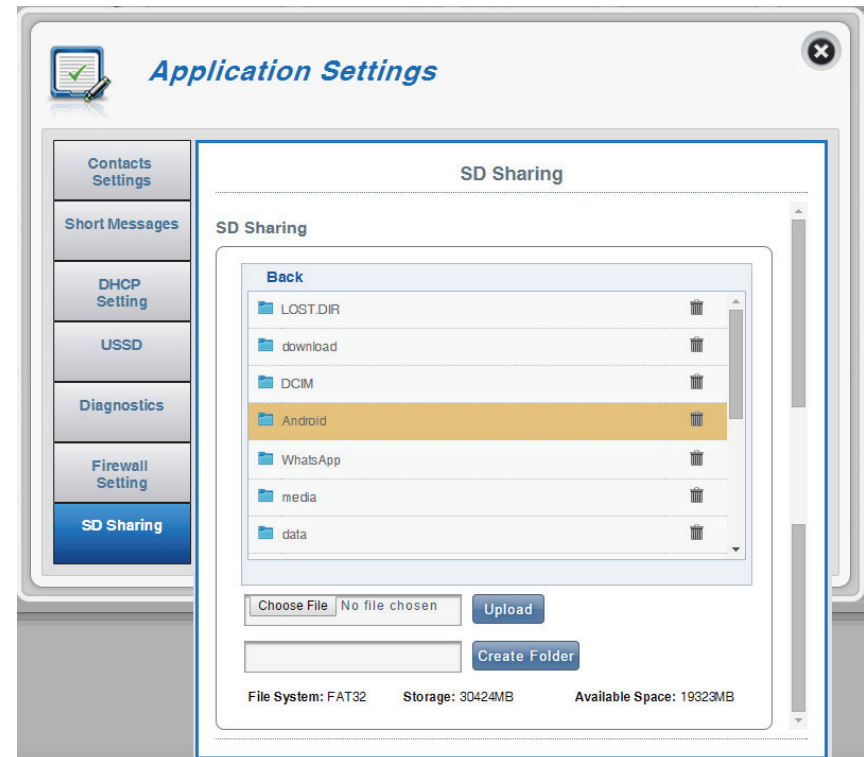
Upload Click this button and choose a file on your device to upload to the microSD card.

Create Folder Click this button to create a new folder.

File System File storage system.

Storage Maximum amount of storage space on your microSD card.

Available Space Current amount of available storage space on your microSD card.



System System Information

About DWR-932

FW Version The DWR-932's current firmware version.

Modem Version The DWR-932's current modem version.

Hardware Version The DWR-932's current hardware version.

IMEI International Mobile Equipment Identity is a unique number assigned to every mobile device.

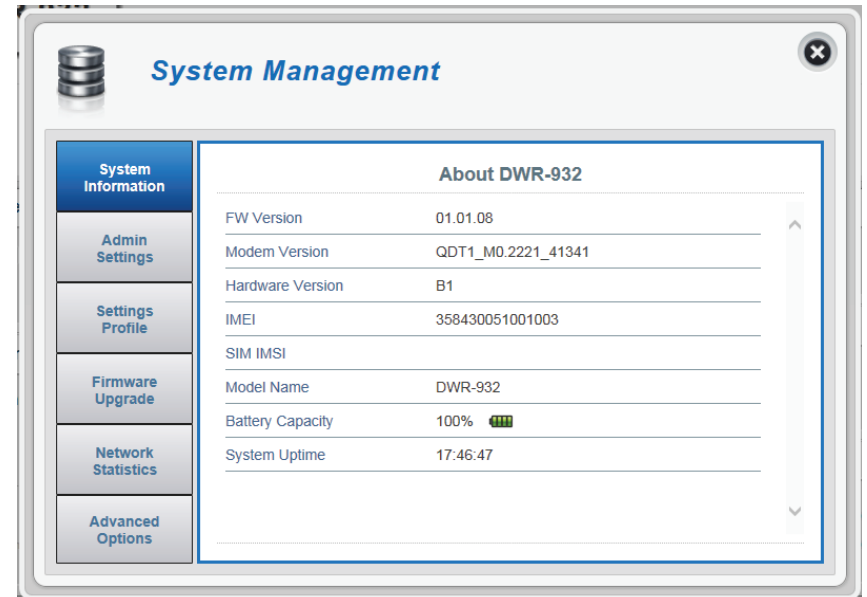
SIM IMSI The Subscriber Identification Module or SIM card has a unique number called International Mobile Subscriber Identity (IMSI). This is used to identify and authenticate users on cellular devices.

Model Name The model name of your D-Link router.

Battery Capacity Your router's current battery life.

System Uptime The length of time your system has been running for.

Note: *The FW version number and Modem Version number displayed on the image above will not be the same as your router's.*



Admin Settings

Account

This tab allows you to customize your own username and password as well as adjust the auto logout timer.

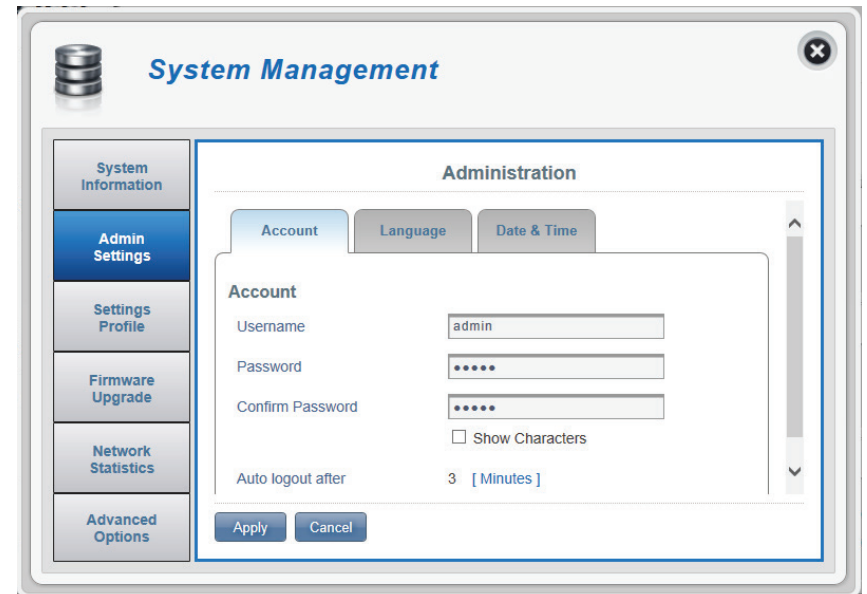
Username Adjust your login username here.

Password Change new password here.

Confirm Password Confirm new password here.

Auto logout after Click on the blue text to adjust the automatic logout timer.

Click **Apply** to proceed.

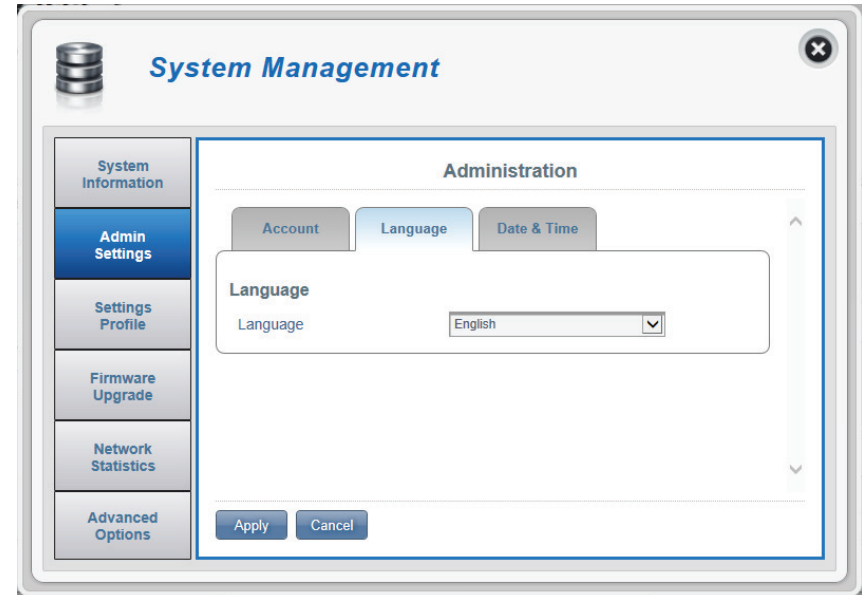


Language

This tab allows you to change the default language of the router web page interface.

Language Select your desired language here.

Click **Apply** to proceed.



Date & Time

In this section, you can adjust the date and your current international time zone.

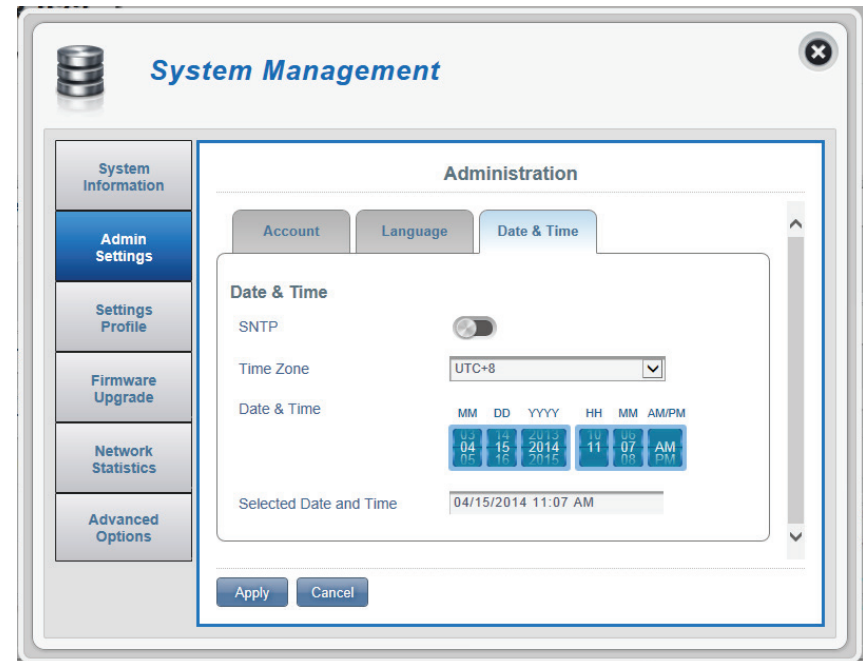
SNTP Click the toggle to **Enable** or **Disable** automatically synchronize the time with a Simple Network Time Protocol (SNTP) server.

Time Zone Select your current Coordinated Universal Time zone (UTC).

Date & Time Adjust the dials on the screen with your mouse pointer to set the date and time.

Selected Date and Time Displays your new adjusted time.

Click **Apply** to proceed.

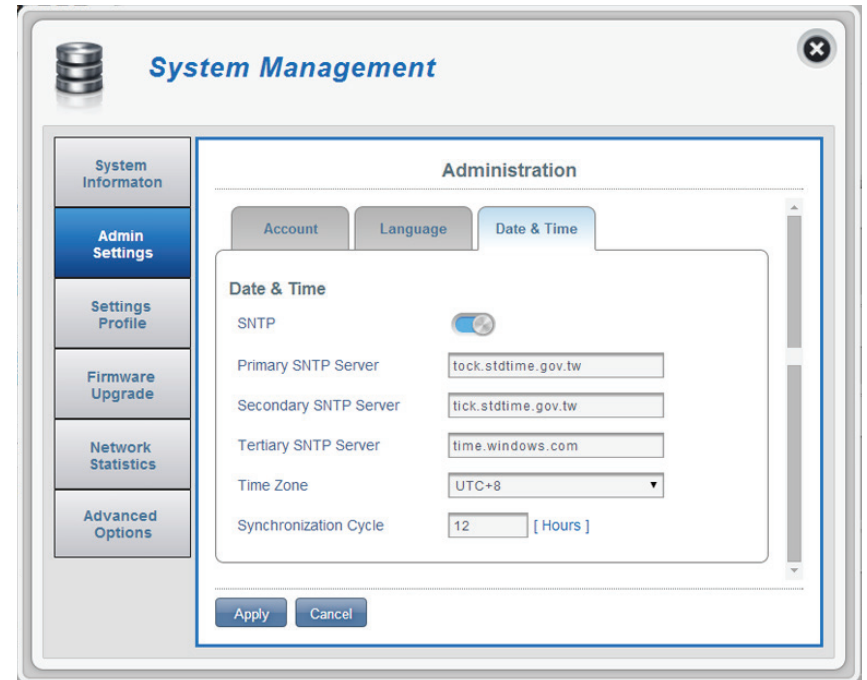


If you enabled automatic synchronization with an SNTP server.

Primary, Secondary and Tertiary SNTP Server Enter a SNTP server address which will be used to synchronize the router's system time and date.

Time Zone Enter the time zone where you are currently using the DWR-932 to correctly set the time offset.

Synchronization Cycle You can specify in hours how frequently the DWR-932 will update the time from a SNTP server.



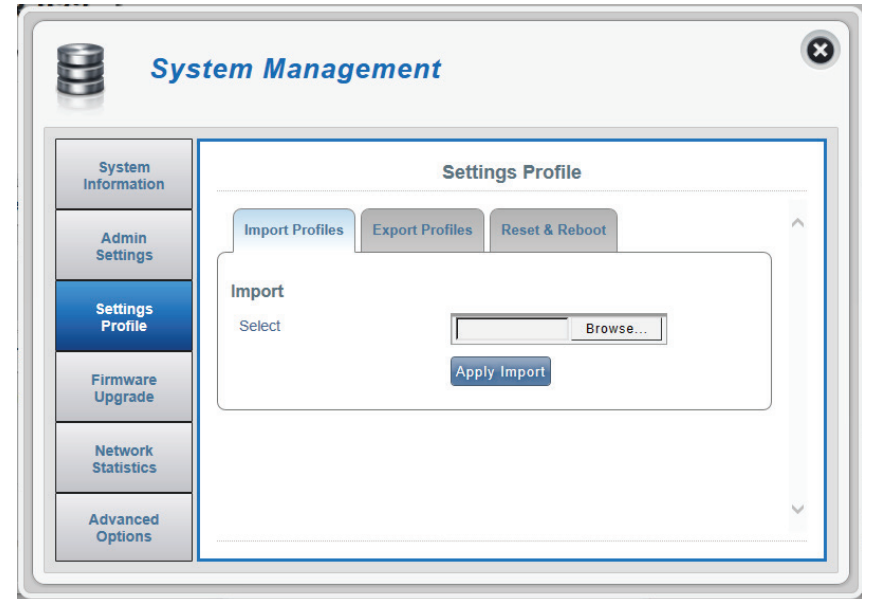
Settings Profile

In the **Import Profiles** tab, you can import previously configured settings for the router.

Import

Select Browse your computer for previously exported settings.

Click **Apply Import** to proceed.



Export Profiles

In the **Export Profiles** tab you can export your currently configured settings to a computer.

Export

To Get Current Profile Click the **Click Me** button to download the current settings of your DWR-932.



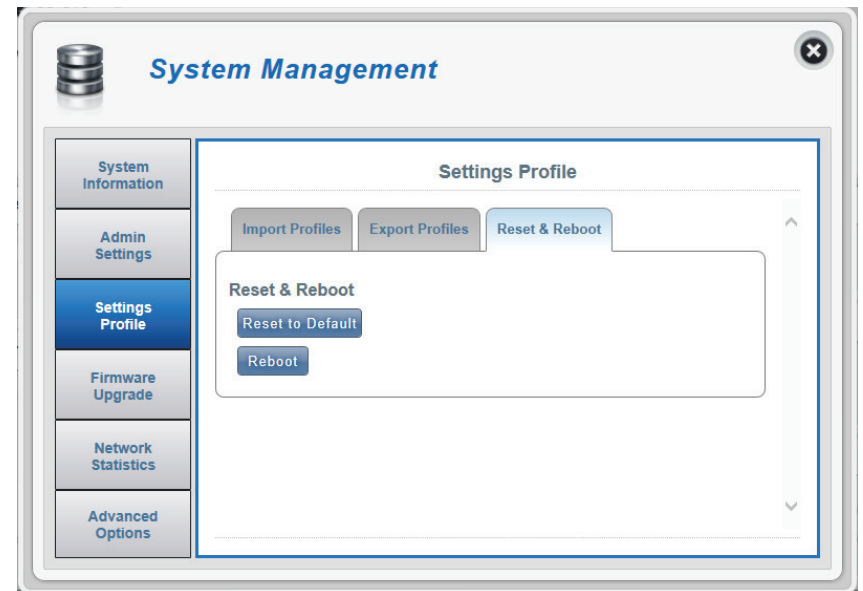
Reset and Reboot

In the **Reset and Reboot** tab you can reboot your router or reset it to factory default. You can also manually reset your router to factory default by pressing the WPS button and power button simultaneously for 5~10 seconds.

Reset and Reboot

Reset to Default Select the **Reset to Default** button to reset the DWR-932 to factory default.

Reboot Select the **Reboot** button to reboot the DWR-932.



Firmware Upgrade

This page allows you to manually upgrade your router's firmware.

Upgrade My router

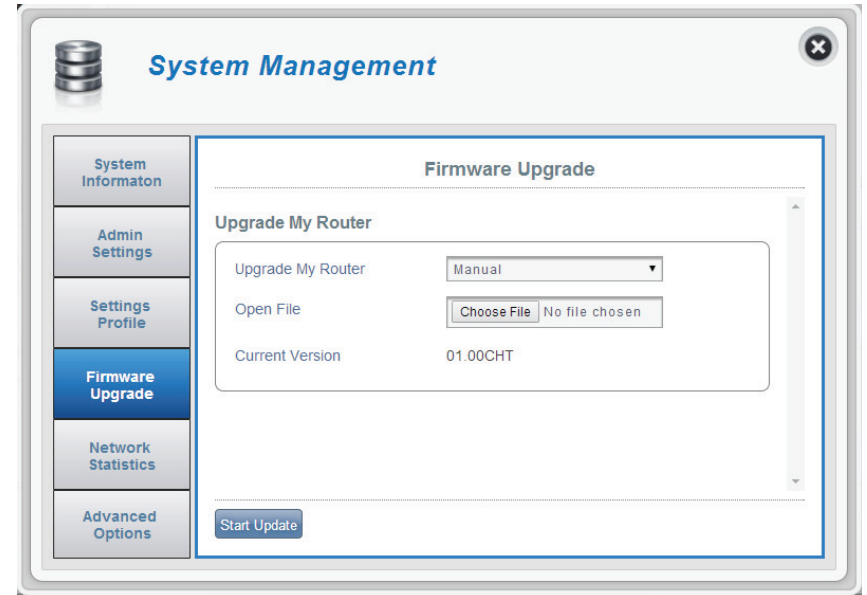
Upgrade My Router Manually upgrade the firmware of your router.

Open File Select the appropriate file for the upgrade.

Current Version The current version of your firmware.

Note: *The FW version number displayed on the image to the right will not be the same as your router's.*

Click the **Start Update** button.



Network Statistics

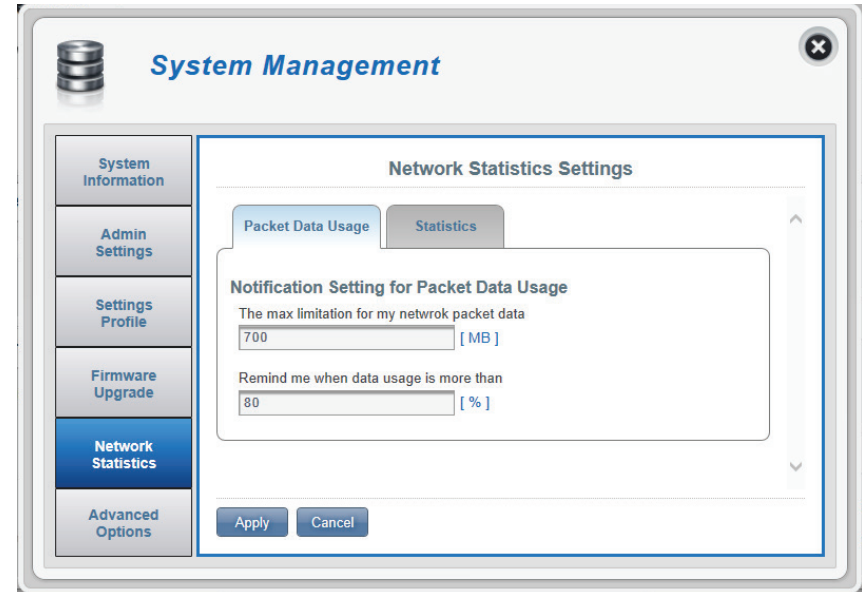
Packet Data Usage

This page allows you to manage your router's packet data usage.

Notification Setting for Packet Data Usage

Maximum Packet Data Limitation Allows you to set the maximum amount of data usage for the DWR-932.


Data Usage Reminder Allows you to set a reminder when your data usage goes over the specified percentage.




Statistics

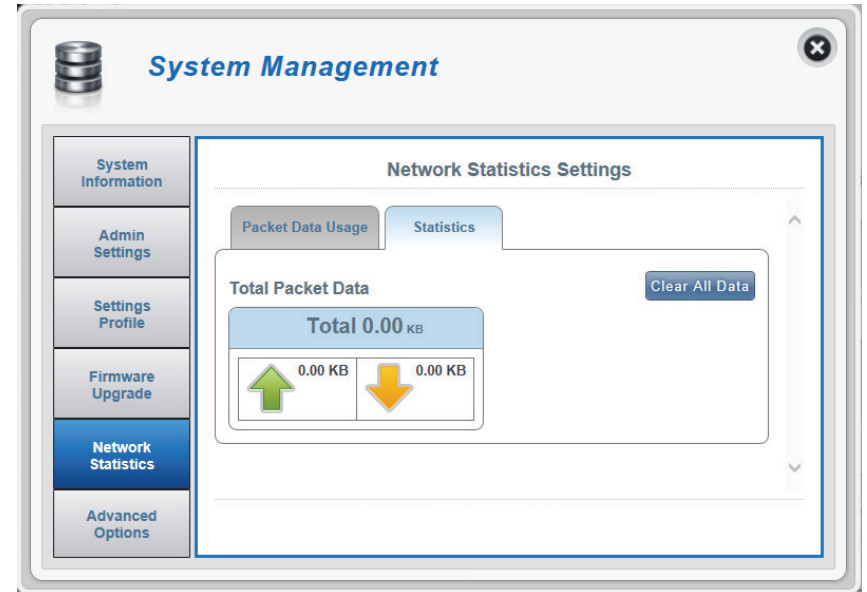
This page allows you to view your router's packet data usage.

Total Packet Data

Uploads  Your total amount of uploaded data.

Downloads  Your total amount of downloaded data.

Clear All Data Click this button to clear data records.

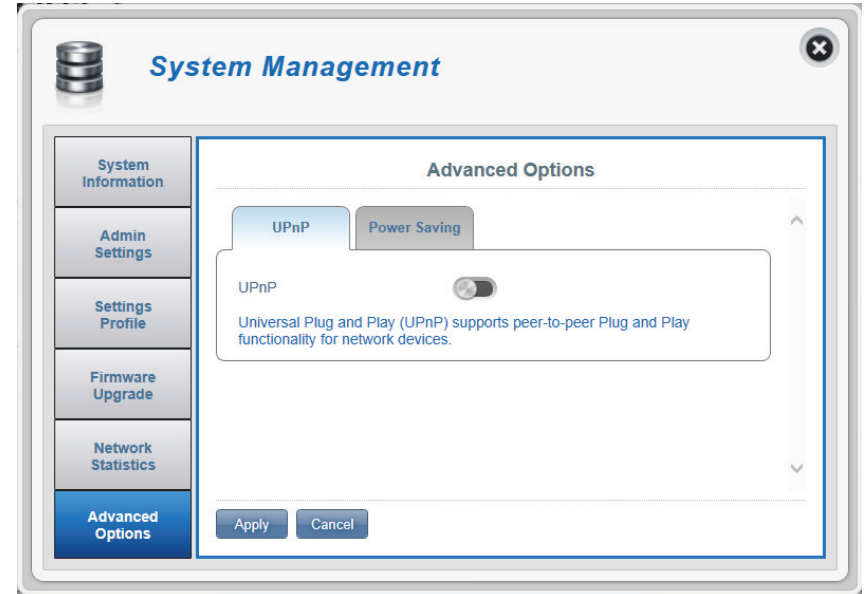


Advanced Options

On this page you can enable and disable a Universal Plug and Play (UPnP) feature. UPnP devices can easily view and interact with other compatible networking equipment, software and peripherals.

UPNP

UPnP Click the toggle to use the Universal Plug and Play (UPnP) feature.



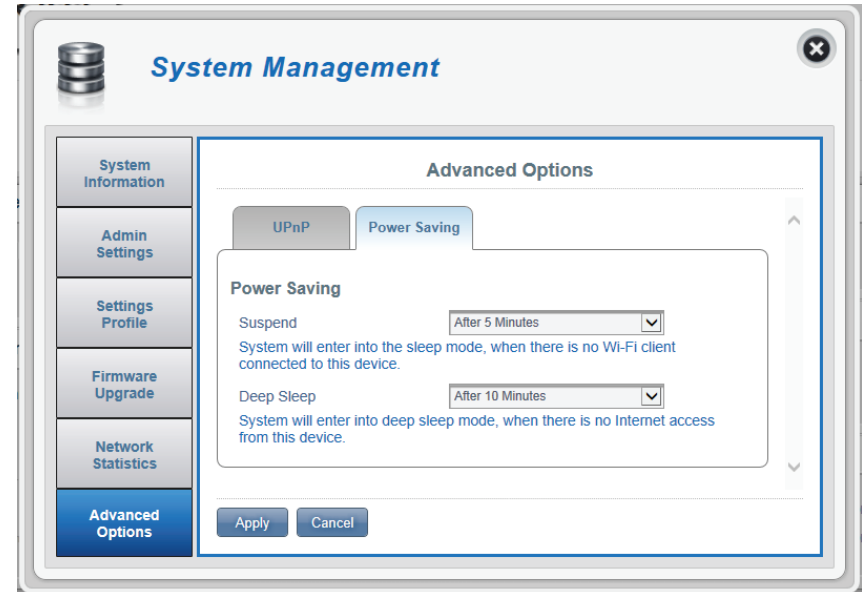
Power Saving

On this page you can configure power saving settings, to help give your DWR-932 longer battery life when you don't have easy access to a charger.

Suspend Allows you to set the length of time before the DWR-932 goes to sleep when no Wi-Fi clients are connected.

Deep Sleep Allows you to set the length of time before the DWR-932 goes to sleep when it has no Internet access.

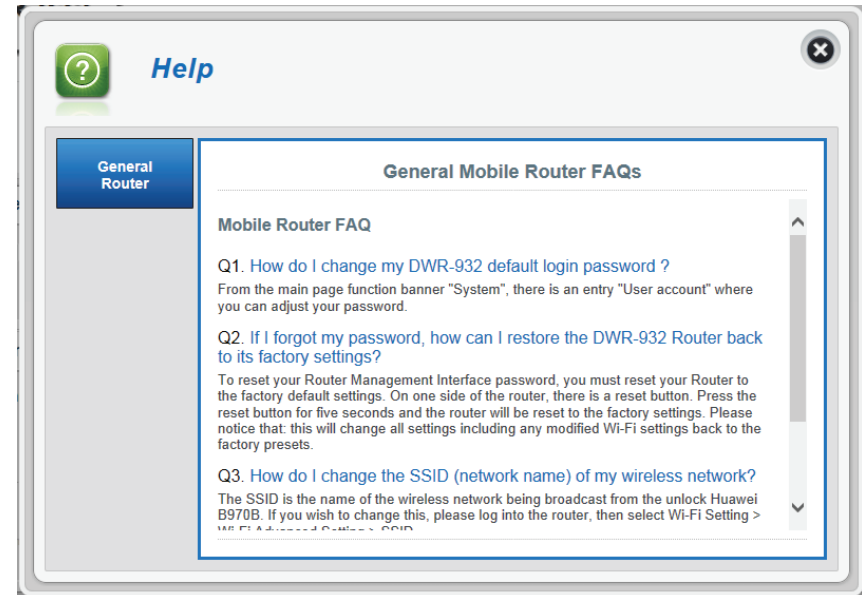
Click **Apply** to proceed.



Help

General Mobile Router FAQs

On this page you can find answers to some frequently asked questions.



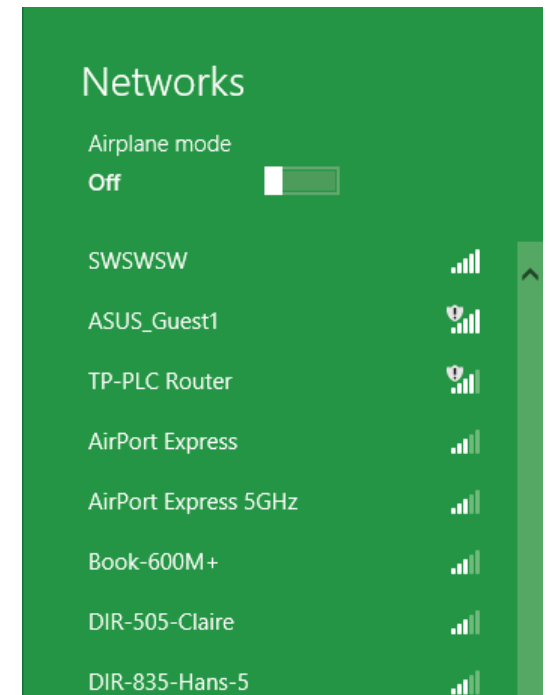
Connecting to a Wireless Network Using Windows 8

It is recommended to enable wireless security (WPA/WPA2) on your wireless router or access point before configuring your wireless adapter. If you are joining an existing network, you will need to know the security key (Wi-Fi password) being used.

To join an existing network, locate the wireless network icon in the taskbar, next to the time display.

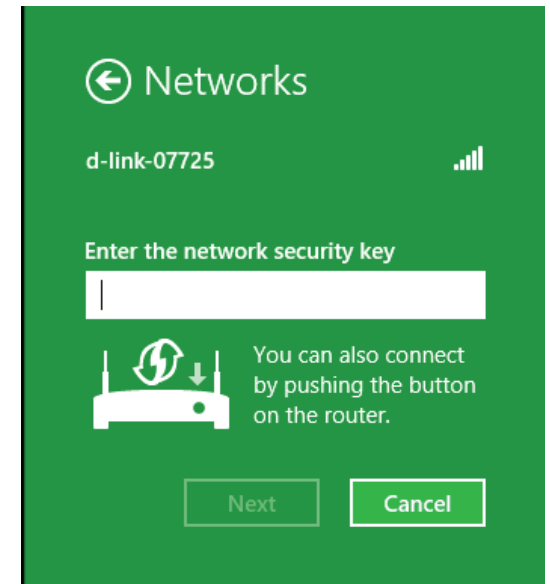


Clicking on this icon will display a list of wireless networks which are within connecting proximity of your computer. Select the desired network by clicking on the network name.

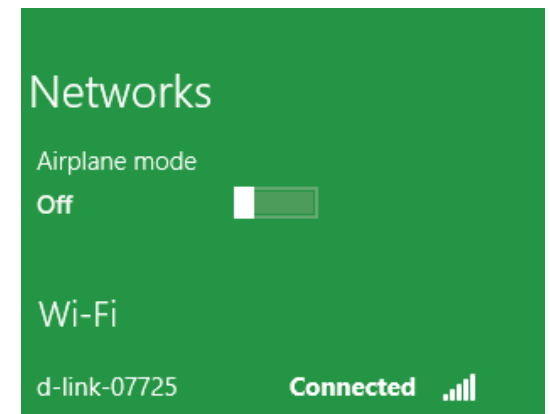


You will then be prompted to enter the network security key (Wi-Fi password) for the wireless network. If this is the first time connecting to your router, a unique security key for your router will be displayed on a sticker in the router's battery bay. Enter the password into the box and click Next.

If you wish to use Wi-Fi Protected Setup (WPS) to connect to the router, you can also press the WPS button on your router at this point to enable the WPS function.



When you have established a successful connection to a wireless network, the word **Connected** will appear next to the name of the network to which you are connected.



Connecting to a Wireless Network Using Windows 7

Windows 7 users may use the built-in wireless utility to connect to a wireless network. If you are using another company's utility or Windows 2000, please refer to the user manual of your wireless adapter for help with connecting to a wireless network. Most utilities will have a "site survey" option similar to the Windows 7 utility as seen below.

If you receive the Wireless Networks Detected bubble, click on the center of the bubble to access the utility. You can also click on the wireless icon in your system tray (lower-right corner).

The utility will display any available wireless networks in your area.



Highlight the wireless network (SSID) you would like to connect to and click the **Connect** button.

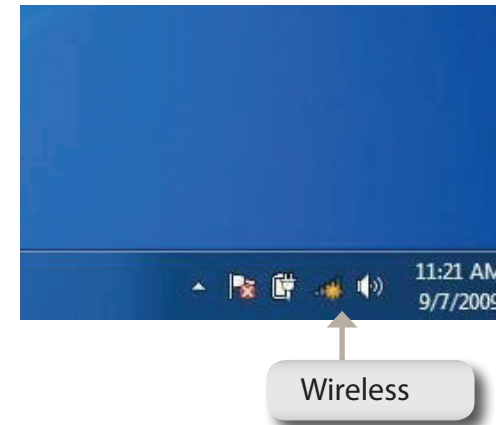
If you get a good signal but cannot access the Internet, check your TCP/IP settings for your wireless adapter. Refer to **“Networking Basics”** on page 88 for more information.



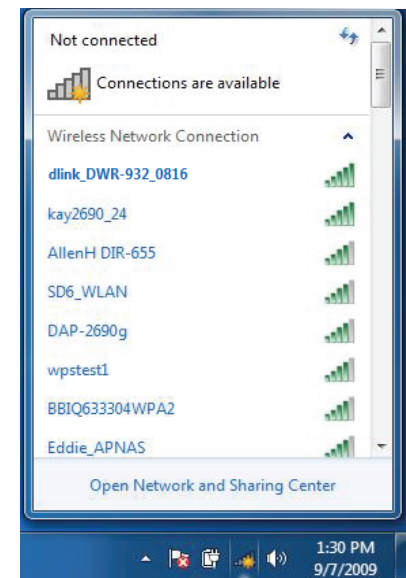
Configuring Wireless Security

It is recommended to enable wireless security (WPA/WPA2) on your wireless router or access point before configuring your wireless adapter. If you are joining an existing network, you will need to know the security key or passphrase being used.

1. Click on the wireless icon in your system tray (lower-right corner).



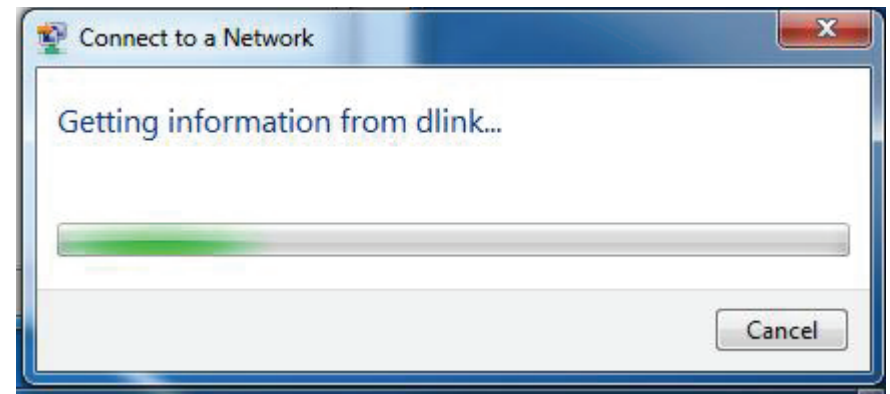
2. The utility will display any available wireless networks in your area.



3. Highlight the wireless network (SSID) you would like to connect to and click the **Connect** button.

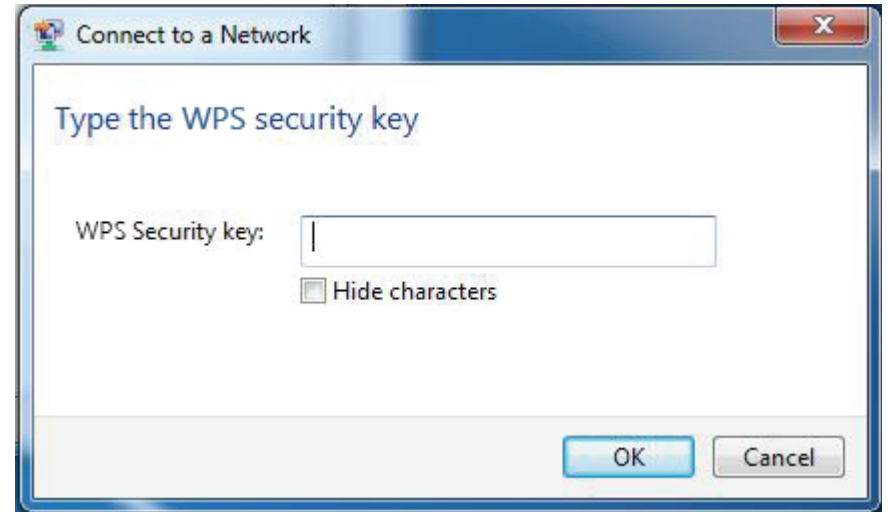


4. The following window appears while your computer tries to connect to the router.



5. Enter the same security key or passphrase that is on your router and click **Connect**.

It may take 20-30 seconds to connect to the wireless network. If the connection fails, please verify that the security settings are correct. The key or pass phrase must be exactly the same as on the wireless router.



Using Windows Vista™

Windows® Vista™ users may use the built-in wireless utility. If you are using another company's utility or Windows® 2000, please refer to the user manual of your wireless adapter for help with connecting to a wireless network. Most utilities will have a "site survey" option similar to the Windows® Vista™ utility as seen below.

If you receive the **Wireless Networks Detected** bubble, click on the center of the bubble to access the utility.

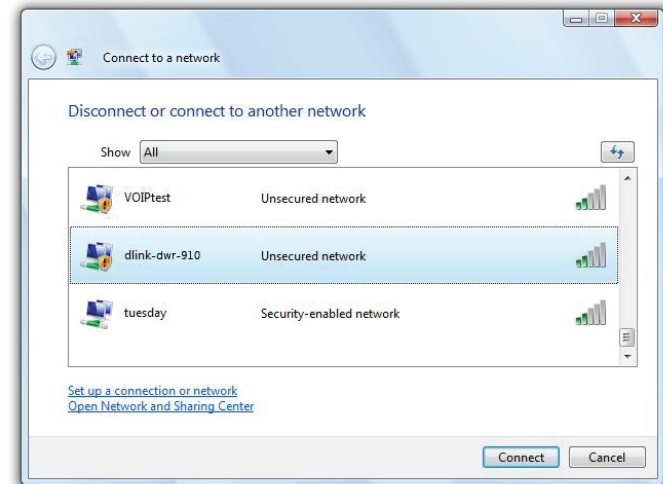
or

Right-click on the wireless computer icon in your system tray (lower-right corner next to the time). Select **Connect to a network**.



The utility will display any available wireless networks in your area. Click on a network (displayed using the SSID) and click the **Connect** button.

If you get a good signal but cannot access the Internet, check the TCP/IP settings for your wireless adapter. Refer to "**Networking Basics**" on page 88 for more information.



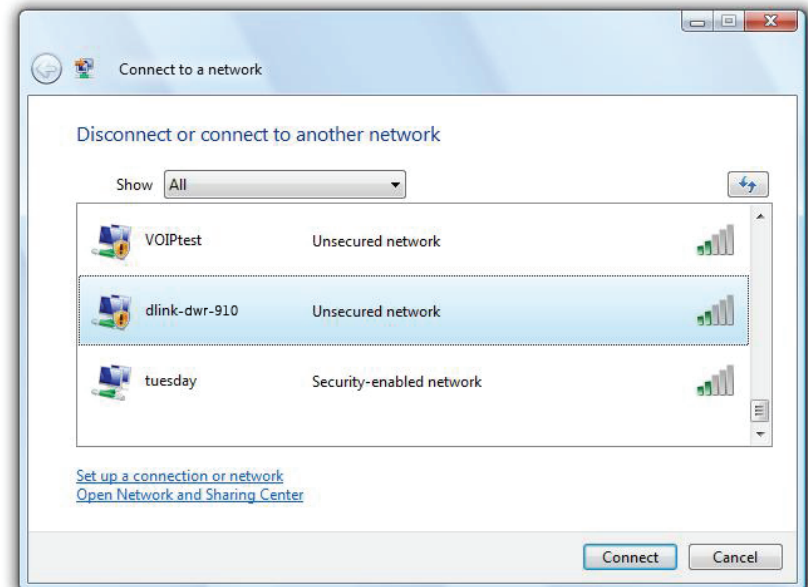
Configuring Wireless Security

It is recommended to enable wireless security (WEP/WPA/WPA2) on your wireless router or access point before configuring your wireless adapter. If you are joining an existing network, you will need to know the security key or passphrase being used.

1. Open the Windows® Vista™ Wireless Utility by right-clicking on the wireless computer icon in your system tray (lower right corner of screen). Select **Connect to a network**.

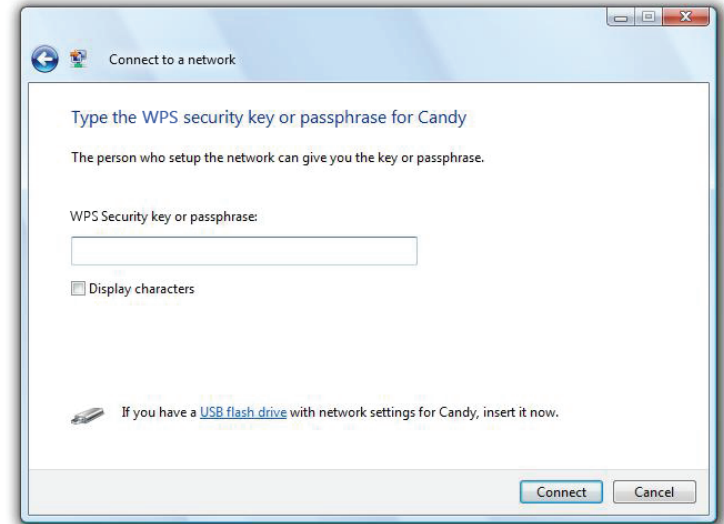


2. Highlight the wireless network (SSID) you would like to connect to and click **Connect**.



3. Enter the same security key or pass phrase that is on your router and click **Connect**.

It may take 20-30 seconds to connect to the wireless network. If the connection fails, please verify that the security settings are correct. The key or passphrase must be exactly the same as on the wireless router.



Connect to a Wireless Network Using Windows® XP

Windows® XP users may use the built-in wireless utility (Zero Configuration Utility). The following instructions are for Service Pack 2 users. If you are using another company's utility or Windows® 2000, please refer to the user manual of your wireless adapter for help with connecting to a wireless network. Most utilities will have a "site survey" option similar to the Windows® XP utility as seen below.

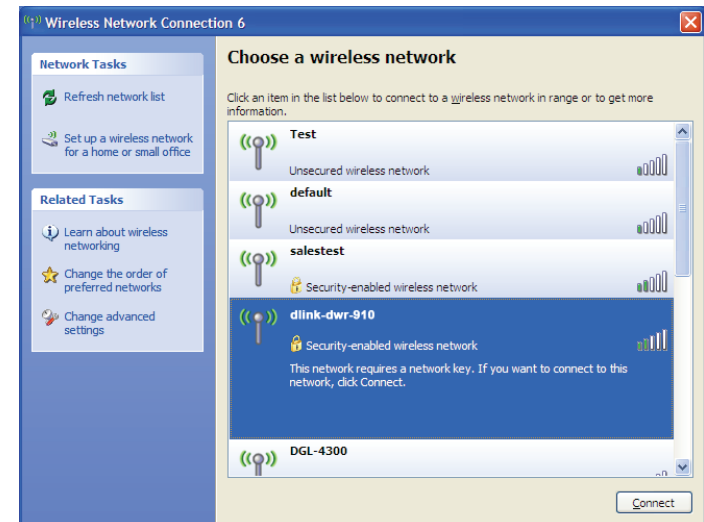
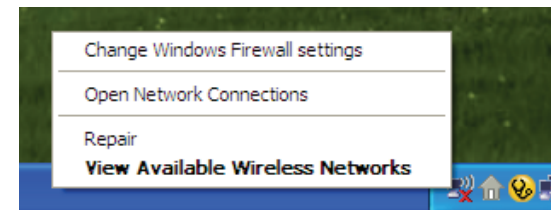
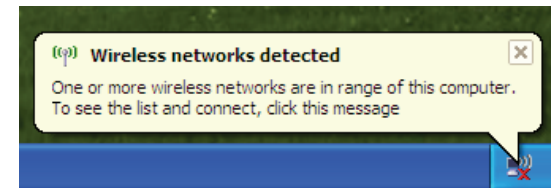
If you receive the **Wireless Networks Detected** bubble, click on the center of the bubble to access the utility.

or

Right-click on the wireless computer icon in your system tray (lower-right corner next to the time). Select **View Available Wireless Networks**.

The utility will display any available wireless networks in your area. Click on a network (displayed using the SSID) and click the **Connect** button.

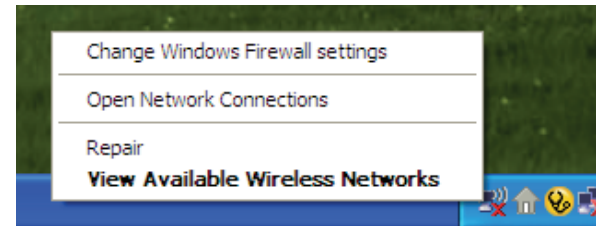
If you get a good signal but cannot access the Internet, check the TCP/IP settings for your wireless adapter. Refer to "**Networking Basics**" on page 88 for more information.



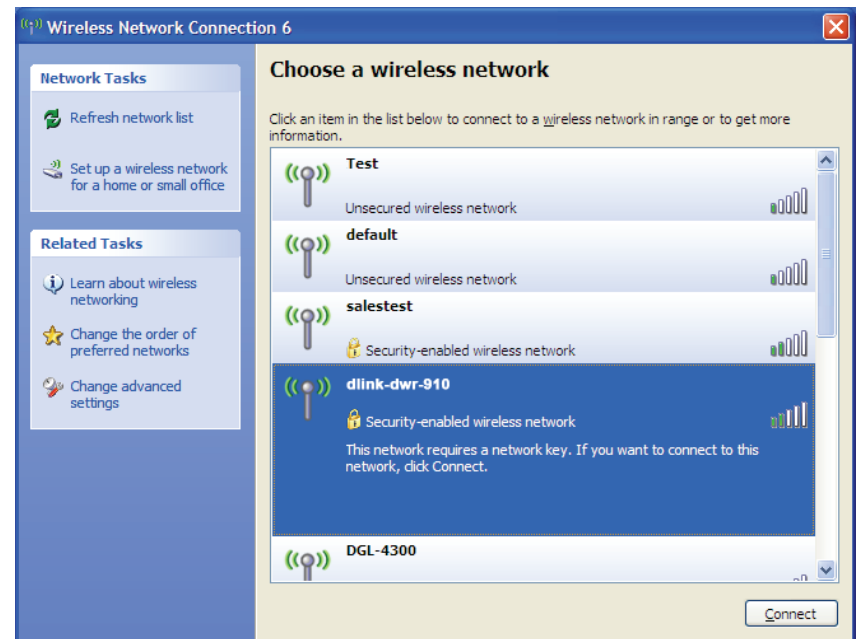
Configure WEP

It is recommended to enable WEP on your wireless router or access point before configuring your wireless adapter. If you are joining an existing network, you will need to know the WEP key being used.

1. Open the Windows® XP Wireless Utility by right-clicking on the wireless computer icon in your system tray (lower-right corner of screen). Select **View Available Wireless Networks**.

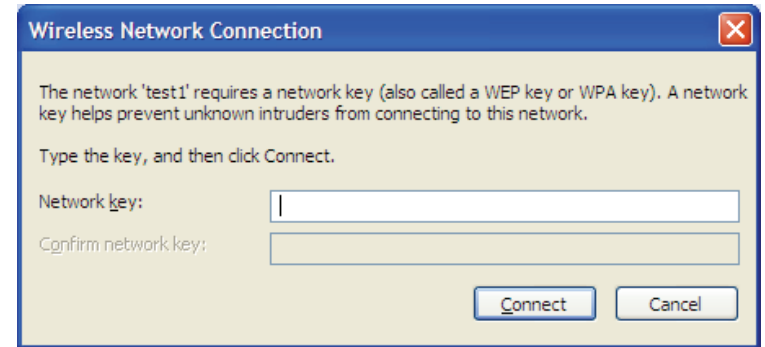


2. Highlight the wireless network (SSID) you would like to connect to and click **Connect**.



3. The **Wireless Network Connection** box will appear. Enter the same WEP key that is on your router and click **Connect**.

It may take 20-30 seconds to connect to the wireless network. If the connection fails, please verify that the WEP settings are correct. The WEP key must be exactly the same as on the wireless router.



Troubleshooting

This chapter provides solutions to problems that can occur during the installation and operation of the DWR-932. Read the following descriptions if you are having problems.

1. Why can't I access the web-based configuration utility?

When entering the IP address of your router (192.168.0.1 for example), you are not connecting to a website on the Internet or have to be connected to the Internet. The device has the utility built-in to a ROM chip in the device itself. Your computer must be on the same IP subnet to connect to the web-based utility.

- Make sure you have an updated Java-enabled web browser. We recommend the following:
 - Internet Explorer 9 or higher, Chrome 28.0, Firefox 23.0, or Safari 6.
- If attempting to connect wirelessly, ensure that the wireless icon on the LCD display is showing. Also, ensure that you are connected to the correct SSID for your mobile router.
- Make sure that the computer you are using is not connected to any other devices (such as routers or switches) which might have the same IP address as the DWR-932, as this may cause an IP address conflict. If you have a conflict, temporarily unplug any other devices from your computer while you configure the DWR-932. You can also change the IP address of the DWR-932 in the Network section of the configuration utility. You may also need to renew your computer's IP address configuration. To do this, start the Command utility: Click on **Start > Run**. In the run box type *cmd* and click **OK**. (Windows Vista users type *cmd* in the **Start Search** box.) This will bring up a black screen with white text. At the command prompt, type **ipconfig /release** and wait for the process to be completed. Next, type **ipconfig /renew** which will renew your computer's IP address configuration.
- Disable any Internet security software running on the computer. Software firewalls such as ZoneAlarm, BlackICE, Sygate, Norton Personal Firewall, and Windows® XP firewall may block access to the configuration pages. Check the help files included with your firewall software for more information on disabling or configuring it.
- Configure your Internet settings:
 - Go to **Start > Settings > Control Panel**. Double-click the **Internet Options** Icon. From the **Security** tab, click the **Default Level** button to restore the settings to their defaults.
 - Click the **Connection** tab and set the dial-up option to Never Dial a Connection. Click the LAN Settings button. Make sure nothing is checked. Click **OK**.
 - Go to the **Advanced** tab and click the button to restore these settings to their defaults. Click **OK** three times.

- Close your web browser (if open) and re-open it.

2. What can I do if I forgot my password?

If you forgot your password, you must reset your router. Please note that this process will change all your settings back to the factory defaults.

To reset the router, open the battery cover and using a paper clip, press and hold this button for 6 seconds to reboot the unit. The DWR-932 will restore the factory default settings. Replace the battery and turn the power on before you attempt to reconnect to it. The default IP address is 192.168.0.1, and the default username is **admin** and the password should be left blank.



Wireless Basics

D-Link wireless products are based on industry standards to provide easy-to-use and compatible high-speed wireless connectivity within your home, business or public access wireless networks. Strictly adhering to the IEEE standard, the D-Link wireless family of products will allow you to securely access the data you want, when and where you want it. You will be able to enjoy the freedom that wireless networking delivers.

A wireless local area network (WLAN) is a cellular computer network that transmits and receives data with radio signals instead of wires. Wireless LANs are used increasingly in both home and office environments, and public areas such as airports, coffee shops and universities. Innovative ways to utilize WLAN technology are helping people to work and communicate more efficiently. Increased mobility and the absence of cabling and other fixed infrastructure have proven to be beneficial for many users.

Wireless users can use the same applications they use on a wired network. Wireless adapter cards used on laptop and desktop systems support the same protocols as Ethernet adapter cards.

Under many circumstances, it may be desirable for mobile network devices to link to a conventional Ethernet LAN in order to use servers, printers or an Internet connection supplied through the wired LAN. A wireless router is a device used to provide this link.

What is Wireless?

Wireless or Wi-Fi technology is another way of connecting your computer to the network without using wires. Wi-Fi uses radio frequency to connect wirelessly, so you have the freedom to connect computers anywhere in your home or office network.

Why D-Link Wireless?

D-Link is the worldwide leader and award winning designer, developer, and manufacturer of networking products. D-Link delivers the performance you need at a price you can afford. D-Link has all the products you need to build your network.

How does wireless work?

Wireless works similar to how cordless phones work, through radio signals to transmit data from one point A to point B. But wireless technology has restrictions as to how you can access the network. You must be within the wireless network range area to be able to connect your computer. There are two different types of wireless networks Wireless Local Area Network (WLAN), and Wireless Personal Area Network (WPAN).

Wireless Local Area Network (WLAN)

In a wireless local area network, a device called an Access Point (AP) connects computers to the network. The access point has a small antenna attached to it, which allows it to transmit data back and forth over radio signals. With an indoor access point, the signal can travel up to 300 feet. With an outdoor access point the signal can reach out up to 30 miles to serve places like manufacturing plants, industrial locations, college and high school campuses, airports, golf courses, and many other outdoor venues.

Wireless Personal Area Network (WPAN)

Bluetooth is the industry standard wireless technology used for WPAN. Bluetooth devices in WPAN operate in a range up to 30 feet away.

Compared to WLAN the speed and wireless operation range are both less than WLAN, but in return it doesn't use nearly as much power which makes it ideal for personal devices, such as mobile phones, PDAs, headphones, laptops, speakers, and other devices that operate on batteries.

Who uses wireless?

Wireless technology has become so popular in recent years that almost everyone is using it, whether it's for home, office, business, D-Link has a wireless solution for it.

Home

- Gives everyone at home broadband access
- Surf the web, check email, instant message, etc.
- Gets rid of the cables around the house
- Simple and easy to use

Small Office and Home Office

- Stay on top of everything at home as you would at office
- Remotely access your office network from home
- Share Internet connection and printer with multiple computers
- No need to dedicate office space

Where is wireless used?

Wireless technology is expanding everywhere not just at home or office. People like the freedom of mobility and it's becoming so popular that more and more public facilities now provide wireless access to attract people. The wireless connection in public places are usually called "hotspots".

Using a D-Link CardBus Adapter with your laptop, you can access the hotspot to connect to the Internet from remote locations like: airports, hotels, coffee shops, libraries, restaurants, and convention centers.

Wireless network is easy to setup, but if you're installing it for the first time it could be quite a task not knowing where to start. That's why we've put together a few setup steps and tips to help you through the process of setting up a wireless network.

Tips

Here are a few things to keep in mind, when you install a wireless network.

Centralize your router or access point

Make sure you place the router/access point in a centralized location within your network for the best performance. Try to place the router/access point as high as possible in the room, so the signal gets dispersed throughout your home. If you have a two-story home, you may need a repeater to boost the signal to extend the range.

Eliminate Interference

Place home appliances such as cordless telephones, microwaves, and televisions as far away as possible from the router/access point. This would significantly reduce any interference that the appliances might cause since they operate on same frequency.

Security

Don't let you next-door neighbors or intruders connect to your wireless network. Secure your wireless network by turning on the WPA or WEP security feature on the router. Refer to product manual for detail information on how to set it up.

Wireless Modes

There are basically two modes of networking:

- **Infrastructure** – All wireless clients will connect to an access point or wireless router.
- **Ad-hoc** – Directly connecting to another computer, for peer-to-peer communication, using wireless network adapters on each computer, such as two or more DWR-932 wireless network CardBus adapters.

An Infrastructure network contains an access point or wireless router. All the wireless devices, or clients, will connect to the wireless router or access point.

An Ad-hoc network contains only clients, such as laptops with wireless CardBus adapters. All the adapters must be in Ad-hoc mode to communicate.

Networking Basics

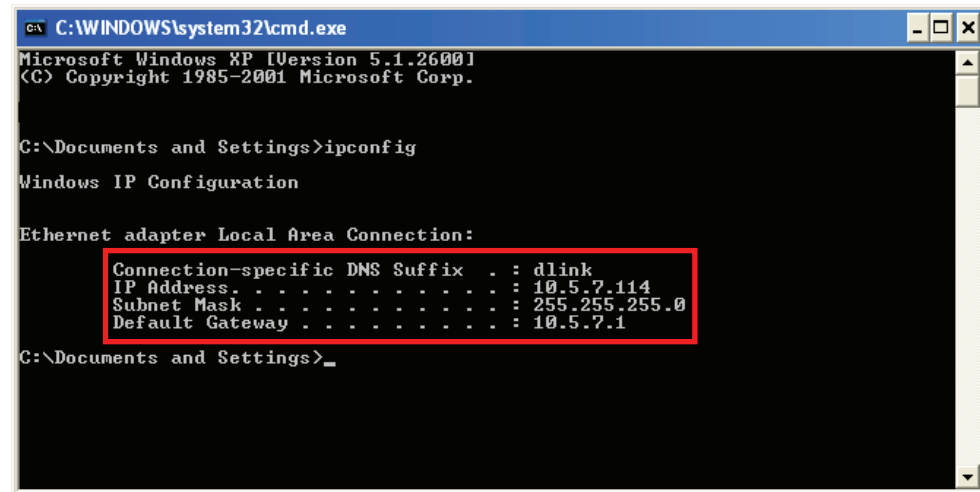
Check your IP address

After you install your new D-Link adapter, by default, the TCP/IP settings should be set to obtain an IP address from a DHCP server (i.e. wireless router) automatically. To verify your IP address, please follow the steps below.

Click on **Start > Run**. In the run box type *cmd* and click **OK**. (Windows® Vista™ users type *cmd* in the **Start Search** box.)

At the prompt, type *ipconfig* and press **Enter**.

This will display the IP address, subnet mask, and the default gateway of your adapter.



```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix . : dlink
    IP Address . . . . . : 10.5.7.114
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 10.5.7.1

C:\Documents and Settings>_
```

If the address is 0.0.0.0, check your adapter installation, security settings, and the settings on your router. Some firewall software programs may block a DHCP request on newly installed adapters.

Statically Assign an IP address

If you are not using a DHCP capable gateway/router, or you need to assign a static IP address, please follow the steps below:

Step 1

- Windows® 8 Click on **Start > Control Panel > Network and Internet Connections > Network Connections > Configure your Internet Protocol (IP) settings.**
- Windows® 7 Click on **Start > Control Panel > Network and Internet > Network and Sharing Center > Manage Network Connections.**
- Windows® Vista™ Click on **Start > Control Panel > Network and Internet > Network and Sharing Center > Manage Network Connections.**
- Windows® XP Click on **Start > Control Panel > Network Connections.**

Step 2

Right-click on the **Local Area Connection** which represents your network adapter and select **Properties.**

Step 3

Highlight **Internet Protocol (TCP/IP)** and click **Properties.**

Step 4

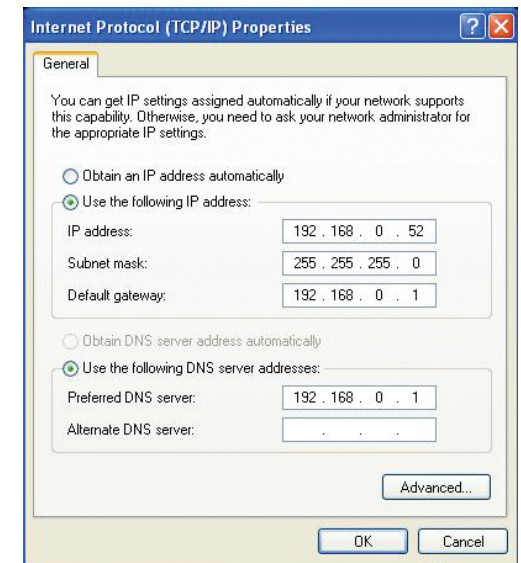
Click **Use the following IP address** and enter an IP address that is on the same subnet as your network or the LAN IP address on your router.

Example: If the router's LAN IP address is 192.168.0.1, make your IP address 192.168.0.X where X is a number between 2 and 99. Make sure that the number you choose is not in use on the network. Set Default Gateway the same as the LAN IP address of your router (192.168.0.1).

Set Primary DNS the same as the LAN IP address of your router (192.168.0.1). The Secondary DNS is not needed or you may enter a DNS server from your ISP.

Step 5

Click **OK** twice to save your settings.



Technical Specifications

Radio Frequency Bands

- FDD-LTE: Band 3,7,20
- WCDMA B1/B8
- GSM: 850/900/1800/1900 MHz
- LTE output power class: 23 dBm (class3)

Cellular Access

- Downlink: 150 Mbps
- Uplink: 50 Mbps

Wi-Fi Access Point

- 802.11n
- 802.11g
- 802.11b

Antenna

- DL MIMO (1x2)
- One internal diversity antenna

USB Interface

- Micro-USB port

USIM Slot

- Standard 6-pin SIM card interface

Status Indicators

- 0.96 inch OLED display

Wireless Security

- WPA & WPA2 (Wi-Fi Protected Access)

Firewall

- Port Range Forwarding
- DMZ
- UPnP

Dimensions (L x W x H)

- 70.6 x 70.6 x 16.6 mm (2.77 x 2.77 x .065 in)

Weight

- 140 g (.3 lb)

Operating Temperature

- -10 to 45 °C (14 to 113 °F)

Regulatory Information

European Union:

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC. For more information, please refer to the Declaration of Conformity.

Notice of Wireless Radio LAN Usage in The European Community:

- At the time of writing this addendum, some countries such as Italy, Greece, Portugal and Spain have not allowed operation of radio devices in the 5 Ghz bands, although operation of 2.4 Ghz radio devices are allowed. Please check with your local authority to confirm.
- This device is restricted to indoor use when operated in the European Community using channels in the 5.15-5.35 GHz band to reduce the potential for interference.
- This device is a 2.4 GHz wideband transmission system (transceiver), intended for use in all EU member states and EFTA countries, except in France where restrictive use applies. This device may not be used for setting up outdoor radio links in France and in some areas the RF output power may be limited to 10 mW EIR P in the frequency range of 2454 –2483.5 MHz. For detailed information the end-user should contact the national spectrum authority in France.

This equipment may be operated in AL, AD , BE , BG, DK, DE , FI, FR, GR, GW, IS, IT , HR , LI, LU, MT , MK, MD , MC , NL, NO, AT , OL, PT, RO, SM, SE, RS, SK, ES, CI , HU , CY

Usage Notes:

- To remain in conformance with European National spectrum usage regulations, frequency and channel limitations will be applied on the products according to the country where the equipment will be deployed.
- This device is restricted from functioning in Ad-hoc mode while operating in 5 Ghz. Ad-hoc mode is direct peer-to-peer communication between two client devices without an access point.
- Access points will support DFS (Dynamic Frequency Selection) and TPC (Transmit Power Control) functionality as required when operating in 5 Ghz within the EU.



2.4 GHz wireless frequency operation in EEC countries

Region	Frequency Band	Max output power (EIRP)
Metropolitan	2400 - 2454 MHz	100 mW
Guadeloupe, Martinique, St Pierre et Miquelon, Mayotte	2454 - 2483.5 MHz	100 mW indoor, 10 mW outdoor
Reunion et Guyane	2400 - 2483.5 MHz	100 mW
Rest of EU community	2420 - 2483.5 MHz	100 mW

R&TTE 1999/5/EC			
WLAN 2.4 - 2.4835 GHz			
IEEE 802.11b/g/n			
Spectrum Regulation	MHz, Europa (ETSI)	max. EIRP Innenbereich	max. EIRP Außenbereich
Europa	2400 - 2483.5 MHz	100 mW	100 mW
Frankreich	2400 - 2454 MHz	100 mW	100 mW
	2454 - 2483.5 MHz	100 mW	10 mW

European Community Declaration of Conformity:

Česky [Czech]	D-Link tímto prohlašuje, že tento DWR-932 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Dansk [Danish]	Undertegnede D-Link erklærer herved, at følgende udstyr DWR-932 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Deutsch [German]	Hiermit erkläre D-Link, dass sich das Gerät DWR-932 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
Eesti [Estonian]	Käesolevaga kinnitab D-Link seadme DWR-932 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
English	Hereby, D-Link, declares that this DWR-932 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Español [Spanish]	Por medio de la presente D-Link declara que el DWR-932 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ D-Link ΔΗΛΩΝΕΙ ΟΤΙ DWR-932 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/EK.
Français [French]	Par la présente D-Link déclare que l'appareil DWR-932 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Italiano [Italian]	Con la presente D-Link dichiara che questo DWR-932 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Latviski [Latvian]	Ar šo D-Link deklarē, ka DWR-932 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lietuvių [Lithuanian]	Šiuo D-Link deklaruoja, kad šis DWR-932 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.

Nederlands [Dutch]	Hierbij verklaart D-Link dat het toestel DWR-932 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Malti [Maltese]	Hawnhekk, D-Link, jiddikjara li dan DWR-932 jikkonforma mal-ħtigijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Magyar [Hungarian]	Alulírott, D-Link nyilatkozom, hogy a DWR-932 megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.
Polski [Polish]	Niniejszym D-Link oświadcza, że DWR-932 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Português [Portuguese]	D-Link declara que este DWR-932 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Slovensko [Slovenian]	D-Link izjavlja, da je ta DWR-932 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Slovensky [Slovak]	D-Link týmto vyhlasuje, že DWR-932 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Suomi [Finnish]	D-Link vakuuttaa täten että DWR-932 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Warning Statement

The power outlet should be nearby the device and easily accessible.

Safety Instructions

Please adhere to the following safety guidelines to help ensure your own personal safety and protect your system from potential damage. Any acts taken that are inconsistent with ordinary use of the product, including improper testing, etc., and those not expressly approved by D-Link may result in the loss of product warranty.

Unless expressly approved by an authorized representative of D-Link in writing, you may not and may not permit others to:

- Disassemble or reverse engineer the device or attempt to derive source code (underlying ideas, algorithms, or structure) from the device or from any other information provided by D-Link, except to the extent that this restriction is expressly prohibited by local law.
- Modify or alter the device.
- Remove from the device any product identification or other notices, including copyright notices and patent markings, if any.

To reduce the risk of bodily injury, electrical shock, fire, and damage to the device and other equipment, observe the following precautions:

Power Sources

- Observe and follow service markings.
- Do not push any objects into the openings of your device unless consistent with the authorized operation of the device. Doing so can cause a fire or an electrical shock by shorting out interior components.
- The powering of this device must adhere to the power specifications indicated for this product.
- Do not overload wall outlets and/or extension cords as this will increase the risk of fire or electrical shock.

- Do not rest anything on the power cord or on the device (unless the device is made and expressly approved as suitable for stacking).
- Position system cables and power cables carefully; route cables so that they cannot be stepped on or tripped over. Be sure that nothing rests on any cables.
- Operate the device only from the type of external power source indicated on the electrical ratings label.
- To help avoid damaging your device, be sure the voltage selection switch (if provided) on the power supply is set to match the power available at your location.
- Also be sure that attached devices are electrically rated to operate with the power available in your location.
- Use only approved power cable(s). If you have not been provided a power cable for your device or for any AC -powered option intended for your device, purchase a power cable that is approved for use in your country and is suitable for use with your device. The power cable must be rated for the device and for the voltage and current marked on the device's electrical ratings label. The voltage and current rating of the cable should be greater than the ratings marked on the device.
- To help prevent an electrical shock, plug the device and peripheral power cables into properly grounded electrical outlets. These cables are equipped with three-prong plugs to help ensure proper grounding. Do not use adapter plugs or remove the grounding prong from a cable. If you must use an extension cable, use a 3-wire cable with properly grounded plugs.
- Observe extension cable and power strip ratings. Ensure that the total ampere rating of all products plugged into the extension cable or power strip does not exceed 80 percent of the ampere ratings limit for the extension cable or power strip.
- To help protect your device from sudden, transient increases and decreases in electrical power, use a surge suppressor, line conditioner, or uninterruptible power supply (UPS).
- Do not modify power cables or plugs. Consult a licensed electrician or your power company for site modifications. Always follow your local/national wiring rules.

- When connecting or disconnecting power to hot-pluggable power supplies, if offered with your device, observe the following guidelines.
- Install the power supply before connecting the power cable to the power supply.
- Unplug the power cable before removing the power supply.
- If the system has multiple sources of power, disconnect power from the device by unplugging all power cables from the power supplies.

Servicing/Disassembling

- Do not service any product except as expressly set forth in your system documentation.
- Opening or removing covers that are marked with the triangular symbol with a lightning bolt may expose you to an electrical shock. Only a trained service technician should service components inside these compartments.
- To reduce the risk of electrical shock, never disassemble this device. None of its internal parts are user-replaceable; therefore, there is no reason to access the interior.
- Do not spill food or liquids on your system components, and never operate the device in a wet environment. If the device gets wet, see the appropriate section in your troubleshooting guide or contact your trained service provider.
- Use the device only with approved equipment.
- Move products with care; ensure that all casters and/or stabilizers are firmly connected to the system. Avoid sudden stops and uneven surfaces.

Environment

- Do not use this device near water (e.g. near a bathtub, sink, laundry tub, fish tank, in a wet basement or near a swimming pool).
- Do not use this device in areas with high humidity.

This product may contain a battery. Recycle or dispose of batteries in accordance with the battery manufacturer's instructions and local/national disposal and recycling regulations. For more information, please refer to the warranty guide.

- This device must not be subjected to water or condensation.
- Keep your device away from radiators and heat sources. Also, do not block cooling vents.

Cleaning

- Always unplug the power before cleaning this device.
- Do not use liquid or aerosol cleaners of any kind. Use only compressed air that is recommended for electronic devices.
- Use a dry cloth for cleaning.

Protecting Against Electrostatic Discharge

Static electricity can harm delicate components inside your system. To prevent static damage, discharge static electricity from your body before you touch any of the electronic components, such as the microprocessor. You can do so by periodically touching an unpainted metal surface on the chassis.

You can also take the following steps to help prevent damage from electrostatic discharge (ESD):

1. When unpacking a static-sensitive component from its shipping carton, do not remove the component from the antistatic packing material until you are ready to install the component in your system. Just before unwrapping the antistatic packaging, be sure to discharge static electricity from your body.
2. When transporting a sensitive component, first place it in an antistatic container or packaging.
3. Handle all sensitive components in a static-safe area. If possible, use antistatic floor pads, workbench pads, and an antistatic grounding strap.

Disposing of and Recycling Your Product



ENGLISH

This symbol on the product or packaging means that according to local laws and regulations this product should be not be disposed of in the household waste but sent for recycling. Please take it to a collection point designated by your local authorities once it has reached the end of its life, some will accept products for free. By recycling the product and its packaging in this manner you help to conserve the environment and protect human health.

D-Link and the Environment

At D-Link, we understand and are committed to reducing any impact our operations and products may have on the environment. To minimise this impact D-Link designs and builds its products to be as environmentally friendly as possible, by using recyclable, low toxic materials in both products and packaging.



D-Link recommends that you always switch off or unplug your D-Link products when they are not in use. By doing so you will help to save energy and reduce CO2 emissions.

To learn more about our environmentally responsible products and packaging please visit www.dlinkgreen.com

DEUTSCH DE

Dieses Symbol auf dem Produkt oder der Verpackung weist darauf hin, dass dieses Produkt gemäß bestehender örtlicher Gesetze und Vorschriften nicht über den normalen Hausmüll entsorgt werden sollte, sondern einer Wiederverwertung zuzuführen ist. Bringen Sie es bitte zu einer von Ihrer Kommunalbehörde entsprechend amtlich ausgewiesenen Sammelstelle, sobald das Produkt das Ende seiner Nutzungsdauer erreicht hat. Für die Annahme solcher

Produkte erheben einige dieser Stellen keine Gebühren. Durch ein auf diese Weise durchgeführtes Recycling des Produkts und seiner Verpackung helfen Sie, die Umwelt zu schonen und die menschliche Gesundheit zu schützen.

D-Link und die Umwelt



D-Link ist sich den möglichen Auswirkungen seiner Geschäftstätigkeiten und seiner Produkte auf die Umwelt bewusst und fühlt sich verpflichtet, diese entsprechend zu mindern. Zu diesem Zweck entwickelt und stellt D-Link seine Produkte mit dem Ziel größtmöglicher Umweltfreundlichkeit her und verwendet wiederverwertbare, schadstoffarme Materialien bei Produktherstellung und Verpackung.

D-Link empfiehlt, Ihre Produkte von D-Link, wenn nicht in Gebrauch, immer auszuschalten oder vom Netz zu nehmen. Auf diese Weise helfen Sie, Energie zu sparen und CO₂-Emissionen zu reduzieren.

Wenn Sie mehr über unsere umweltgerechten Produkte und Verpackungen wissen möchten, finden Sie entsprechende Informationen im Internet unter www.dlinkgreen.com.

FRANÇAIS FR



Ce symbole apposé sur le produit ou son emballage signifie que, conformément aux lois et réglementations locales, ce produit ne doit pas être éliminé avec les déchets domestiques mais recyclé. Veuillez le rapporter à un point de collecte prévu à cet effet par les autorités locales; certains accepteront vos produits gratuitement. En recyclant le produit et son emballage de cette manière, vous aidez à préserver l'environnement et à protéger la santé de l'homme.

D-Link et l'environnement

Chez D-Link, nous sommes conscients de l'impact de nos opérations et produits sur l'environnement et nous engageons

à le réduire. Pour limiter cet impact, D-Link conçoit et fabrique ses produits de manière aussi écologique que possible, en utilisant des matériaux recyclables et faiblement toxiques, tant dans ses produits que ses emballages.

D-Link recommande de toujours éteindre ou débrancher vos produits D-Link lorsque vous ne les utilisez pas. Vous réaliserez ainsi des économies d'énergie et réduirez vos émissions de CO2.



Pour en savoir plus sur les produits et emballages respectueux de l'environnement, veuillez consulter le www.dlinkgreen.com

ESPAÑOL ES

Este símbolo en el producto o el embalaje significa que, de acuerdo con la legislación y la normativa local, este producto no se debe desechar en la basura doméstica sino que se debe reciclar. Llévelo a un punto de recogida designado por las autoridades locales una vez que ha llegado al fin de su vida útil; algunos de ellos aceptan recogerlos de forma gratuita. Al reciclar el producto y su embalaje de esta forma, contribuye a preservar el medio ambiente y a proteger la salud de los seres humanos.

D-Link y el medio ambiente



En D-Link, comprendemos y estamos comprometidos con la reducción del impacto que puedan tener nuestras actividades y nuestros productos en el medio ambiente. Para reducir este impacto, D-Link diseña y fabrica sus productos para que sean lo más ecológicos posible, utilizando materiales reciclables y de baja toxicidad tanto en los productos como en el embalaje.

D-Link recomienda apagar o desenchufar los productos D-Link cuando no se estén utilizando. Al hacerlo, contribuirá a ahorrar energía y a reducir las emisiones de CO2.

Para obtener más información acerca de nuestros productos y embalajes ecológicos, visite el sitio www.dlinkgreen.com

ITALIANO IT

La presenza di questo simbolo sul prodotto o sulla confezione del prodotto indica che, in conformità alle leggi e alle normative locali, questo prodotto non deve essere smaltito nei rifiuti domestici, ma avviato al riciclo. Una volta terminato il ciclo di vita utile, portare il prodotto presso un punto di raccolta indicato dalle autorità locali. Alcuni questi punti di raccolta accettano gratuitamente i prodotti da riciclare. Scegliendo di riciclare il prodotto e il relativo imballaggio, si contribuirà a preservare l'ambiente e a salvaguardare la salute umana.



D-Link e l'ambiente

D-Link cerca da sempre di ridurre l'impatto ambientale dei propri stabilimenti e dei propri prodotti. Allo scopo di ridurre al minimo tale impatto, D-Link progetta e realizza i propri prodotti in modo che rispettino il più possibile l'ambiente, utilizzando materiali riciclabili a basso tasso di tossicità sia per i prodotti che per gli imballaggi.

D-Link raccomanda di spegnere sempre i prodotti D-Link o di scollegarne la spina quando non vengono utilizzati. In questo modo si contribuirà a risparmiare energia e a ridurre le emissioni di anidride carbonica.

Per ulteriori informazioni sui prodotti e sugli imballaggi D-Link a ridotto impatto ambientale, visitate il sito all'indirizzo www.dlinkgreen.com

NEDERLANDS NL

Dit symbool op het product of de verpakking betekent dat dit product volgens de plaatselijke wetgeving niet mag worden weggegooid met het huishoudelijk afval, maar voor recyclage moeten worden ingeleverd. Zodra het product het

einde van de levensduur heeft bereikt, dient u het naar een inzamelpunt te brengen dat hiertoe werd aangeduid door uw plaatselijke autoriteiten, sommige autoriteiten accepteren producten zonder dat u hiervoor dient te betalen. Door het product en de verpakking op deze manier te recycelen helpt u het milieu en de gezondheid van de mens te beschermen.



D-Link en het milieu

Bij D-Link spannen we ons in om de impact van onze handelingen en producten op het milieu te beperken. Om deze impact te beperken, ontwerpt en bouwt D-Link zijn producten zo milieuvriendelijk mogelijk, door het gebruik van recycleerbare producten met lage toxiciteit in product en verpakking.

D-Link raadt aan om steeds uw D-Link producten uit te schakelen of uit de stekker te halen wanneer u ze niet gebruikt. Door dit te doen bespaart u energie en beperkt u de CO₂-emissies.



Breng een bezoek aan www.dlinkgreen.com voor meer informatie over onze milieuverantwoorde producten en verpakkingen

POLSKI PL

Ten symbol umieszczony na produkcie lub opakowaniu oznacza, że zgodnie z miejscowym prawem i lokalnymi przepisami niniejszego produktu nie wolno wyrzucać jak odpady czy śmieci z gospodarstwa domowego, lecz należy go poddać procesowi recyklingu. Po zakończeniu użytkowania produktu, niektóre odpowiednie do tego celu podmioty przyjmą takie produkty nieodpłatnie, dlatego prosimy dostarczyć go do punktu zbiórki wskazanego przez lokalne władze. Poprzez proces recyklingu i dzięki takiemu postępowaniu z produktem oraz jego opakowaniem, pomogą Państwo chronić środowisko naturalne i dbać o ludzkie zdrowie.

D-Link i środowisko

W D-Link podchodzimy w sposób świadomy do ochrony otoczenia oraz jesteśmy zaangażowani w zmniejszanie wpływu naszych działań i produktów na środowisko naturalne. W celu zminimalizowania takiego wpływu firma D-Link konstruuje i wytwarza swoje produkty w taki sposób, aby były one jak najbardziej przyjazne środowisku, stosując do tych celów materiały nadające się do powtórnego wykorzystania, charakteryzujące się małą toksycznością zarówno w przypadku samych produktów jak i opakowań.



Firma D-Link zaleca, aby Państwo zawsze prawidłowo wyłączali z użytku swoje produkty D-Link, gdy nie są one wykorzystywane. Postępując w ten sposób pozwalają Państwo oszczędzać energię i zmniejszać emisje CO2.

"Aby dowiedzieć się więcej na temat produktów i opakowań mających wpływ na środowisko prosimy zapoznać się ze stroną internetową www.dlinkgreen.com."

ČESKY CZ

Tento symbol na výrobku nebo jeho obalu znamená, že podle místně platných předpisů se výrobek nesmí vyhazovat do komunálního odpadu, ale odeslat k recyklaci. Až výrobek doslouží, odнесите jej prosím na sběrné místo určené místními úřady k tomuto účelu. Některá sběrná místa přijímají výrobky zdarma. Recyklací výrobku i obalu pomáháte chránit životní prostředí i lidské zdraví.



D-Link a životní prostředí

"Ve společnosti D-Link jsme si vědomi vlivu našich provozů a výrobků na životní prostředí a snažíme se o minimalizaci těchto vlivů. Proto své výrobky navrhujeme a vyrábíme tak, aby byly co neekologičtější, a ve výrobcích i obalech používáme recyklovatelné a nízkotoxické materiály."

"Společnost D-Link doporučuje, abyste své výrobky značky D-Link vypnuli nebo vytáhli ze zásuvky vždy, když je nepoužíváte. Pomůžete tak šetřit energii a snížit emise CO2."

Více informací o našich ekologických výrobcích a obalech najdete na adrese www.dlinkgreen.com.



MAGYAR HU

Ez a szimbólum a terméken vagy a csomagoláson azt jelenti, hogy a helyi törvényeknek és szabályoknak megfelelően ez a termék nem semmisíthető meg a háztartási hulladékkal együtt, hanem újrahasznosításra kell küldeni. Kérjük, hogy a termék élettartamának elteltét követően vigye azt a helyi hatóság által kijelölt gyűjtőhelyre. A termékek egyes helyeken ingyen elhelyezhetők. A termék és a csomagolás újrahasznosításával segíti védeni a környezetet és az emberek egészségét.

A D-Link és a környezet

A D-Linknél megértjük és elkötelezettek vagyunk a műveleteink és termékeink környezetre gyakorolt hatásainak csökkentésére. Az ezen hatás csökkentése érdekében a D-Link a lehető leginkább környezetbarát termékeket tervez és gyárt azért, hogy újrahasznosítható, alacsony károsanyag-tartalmú termékeket gyárt és csomagolásokat alkalmaz.



A D-Link azt javasolja, hogy mindig kapcsolja ki vagy húzza ki a D-Link termékeket a tápforrásból, ha nem használja azokat. Ezzel segít az energia megtakarításában és a széndioxid kibocsátásának csökkentésében.

Környezetbarát termékeinkről és csomagolásainkról további információkat a www.dlinkgreen.com weboldalon tudhat meg.

NORSK NO

Dette symbolet på produktet eller forpakningen betyr at dette produktet ifølge lokale lover og forskrifter ikke skal kastes sammen med husholdningsavfall, men leveres inn til gjenvinning.

Vennligst ta det til et innsamlingssted anvist av lokale myndigheter når det er kommet til slutten av levetiden. Noen steder aksepterer produkter uten avgift. Ved på denne måten å gjenvinne produktet og forpakningen hjelper du å verne miljøet og

beskytte folks helse.



D-Link og miljøet

Hos D-Link forstår vi oss på og er forpliktet til å minske innvirkningen som vår drift og våre produkter kan ha på miljøet. For å minimalisere denne innvirkningen designer og lager D-Link produkter som er så miljøvennlig som mulig, ved å bruke resirkulerbare, lav-toksiske materialer både i produktene og forpakningen.

D-Link anbefaler at du alltid slår av eller frakobler D-Link-produkter når de ikke er i bruk. Ved å gjøre dette hjelper du å spare energi og å redusere CO2-utslipp.

"For mer informasjon angående våre miljøansvarlige produkter og forpakninger kan du gå til www.dlinkgreen.com"

DANSK DK

Dette symbol på produktet eller emballagen betyr, at dette produkt i henhold til lokale love og regler ikke må bortskaffes som husholdningsaffald, mens skal sendes til genbrug. Indlever produktet til et indsamlingssted som angivet af de lokale myndigheder, når det er nået til slutningen af dets levetid. I nogle tilfælde vil produktet blive modtaget gratis. Ved at indlevere produktet og dets emballage til genbrug på denne måde bidrager du til at beskytte miljøet og den menneskelige sundhed.

D-Link og miljøet

Hos D-Link forstår vi og bestræber os på at reducere enhver indvirkning, som vores aktiviteter og produkter kan have på miljøet. For at minimere denne indvirkning designer og producerer D-Link sine produkter, så de er så miljøvenlige som muligt, ved at bruge genanvendelige materialer med lavt giftighedsniveau i både produkter og emballage.

D-Link anbefaler, at du altid slukker eller frakobler dine D-Link-produkter, når de ikke er i brug. Ved at gøre det bidrager du til at spare energi og reducere CO₂-udledningerne.

Du kan finde flere oplysninger om vores miljømæssigt ansvarlige produkter og emballage på www.dlinkgreen.com

SUOMI FI

Tämä symboli tuotteen pakkauksessa tarkoittaa, että paikallisten lakien ja säännösten mukaisesti tätä tuotetta ei pidä hävittää yleisen kotitalousjätteen seassa vaan se tulee toimittaa kierrätettäväksi. Kun tuote on elinkaarensa päässä, toimita se lähimpään viranomaisten hyväksymään kierrätyspisteeseen. Kierrättämällä käytetyn tuotteen ja sen pakkauksen autat tukemaan sekä ympäristön että ihmisten terveyttä ja hyvinvointia.

D-Link ja ympäristö

D-Link ymmärtää ympäristönsuojelun tärkeyden ja on sitoutunut vähentämään tuotteistaan ja niiden valmistuksesta ympäristölle mahdollisesti aiheutuvia haittavaikutuksia. Nämä negatiiviset vaikutukset minimoidakseen D-Link suunnittelee ja valmistaa tuotteensa mahdollisimman ympäristöystävällisiksi käyttämällä kierrätettäviä, alhaisia pitoisuuksia haitallisia aineita sisältäviä materiaaleja sekä tuotteissaan että niiden pakkauksissa.

Suosittellemme, että irrotat D-Link-tuotteesi virtalähteestä tai sammutat ne aina, kun ne eivät ole käytössä. Toimimalla näin autat säästämään energiaa ja vähentämään hiilidioksiidipäästöjä.

"Lue lisää ympäristöystävällisistä D-Link-tuotteista ja pakkauksistamme osoitteesta www.dlinkgreen.com"

SVENSKA SE

Den här symbolen på produkten eller förpackningen betyder att produkten enligt lokala lagar och föreskrifter inte skall kastas i hushållssoporna utan i stället återvinnas. Ta den vid slutet av dess livslängd till en av din lokala myndighet utsedd uppsamlingsplats, vissa accepterar produkter utan kostnad. Genom att på detta sätt återvinna produkten och förpackningen hjälper du till att bevara miljön och skydda människors hälsa.

D-Link och miljön

På D-Link förstår vi och är fast beslutna att minska den påverkan våra verksamheter och produkter kan ha på miljön. För att minska denna påverkan utformar och bygger D-Link sina produkter för att de ska vara så miljövänliga som möjligt, genom att använda återvinningsbara material med låg gifthalt i både produkter och förpackningar.

D-Link rekommenderar att du alltid stänger av eller kopplar ur dina D-Link produkter när du inte använder dem. Genom att göra detta hjälper du till att spara energi och minska utsläpp av koldioxid.

För mer information om våra miljöansvariga produkter och förpackningar www.dlinkgreen.com

PORTUGUÊS PT

Este símbolo no produto ou embalagem significa que, de acordo com as leis e regulamentações locais, este produto não deverá ser eliminado juntamente com o lixo doméstico mas enviado para a reciclagem. Transporte-o para um ponto de recolha designado pelas suas autoridades locais quando este tiver atingido o fim da sua vida útil, alguns destes pontos aceitam produtos gratuitamente. Ao reciclar o produto e respectiva embalagem desta forma, ajuda a preservar o ambiente e protege a saúde humana.

A D-Link e o ambiente

Na D-Link compreendemos e comprometemo-nos com a redução do impacto que as nossas operações e produtos possam ter no ambiente. Para minimizar este impacto a D-Link concebe e constrói os seus produtos para que estes sejam o mais inofensivos para o ambiente possível, utilizando materiais recicláveis e não tóxicos tanto nos produtos como nas embalagens.

A D-Link recomenda que desligue os seus produtos D-Link quando estes não se encontrarem em utilização. Com esta acção ajudará a poupar energia e reduzir as emissões de CO2.

Para saber mais sobre os nossos produtos e embalagens responsáveis a nível ambiental visite www.dlinkgreen.com