

Website Filter

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

Configure Website Filter: Select **Turn Website Filtering OFF**, **Turn Website Filtering ON** and **ALLOW** computers access to **ONLY** these sites, or **Turn Website Filtering ON** and **DENY** computers access to **ONLY** these sites.

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

WBR-1310

PORT FORWARDING

APPLICATION RULES

NETWORK FILTER

WEBSITE FILTER

FIREWALL SETTINGS

ADVANCED WIRELESS

ADVANCED NETWORK

WEBSITE FILTERING RULES

The Web Filter options allows you to set-up a list of allowed Web sites that can be used by multiple users. When Web Filter is enabled, all other Web sites not listed on this page will be blocked.

Save Settings

Don't Save Settings

20 - WEBSITE FILTERING RULES

Configure MAC Filtering below:

Turn Website Filtering OFF

Clear the list below...

Website URL/Domain

Website URL/Domain

Helpful Hints..

Website Filter :

It is used to deny computers on your network from accessing specific web sites by its URL (Uniform Resource Locator). A URL is a specially formatted text string that defines a location on the Internet. If any part of the URL contains the blocked word, the site will not be accessible and the web page will not be displayed.

Example:

If you wanted to block LAN users from any website containing a URL pertaining to shopping, you would need to enter "shopping" into the URL Blocking list. Sites like these will be denied access to LAN users because they contain the keyword in the URL.

http://www.yahoo.com.tw/shopping/store.html

http://www.msn.com/search/shopping-sprees.html

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Firewall Settings

This section will allow you to setup a DMZ host and to enable VPN passthrough.

If you have a client PC that cannot run Internet applications properly from behind the WBR-2310, then you can set the client up for unrestricted Internet access. It allows a computer to be exposed to the Internet. This feature is useful for gaming purposes. Enter the IP address of the internal computer that will be the DMZ host. Adding a client to the DMZ (Demilitarized Zone) may expose your local network to a variety of security risks, so only use this option as a last resort.

Enable DMZ Host: Check this box to enable DMZ.

DMZ IP Address: Enter the IP address of the computer you would like to open all ports to.

Enable PPTP Passthrough: Check this box to allow PPTP VPN traffic to pass through the router to your VPN client.

Enable L2TP Passthrough: Check this box to allow L2TP VPN traffic to pass through the router to your VPN client.

Enable IPsec Passthrough: Check this box to allow IPsec VPN traffic to pass through the router to your VPN client.

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SETUP ADVANCED TOOLS STATUS SUPPORT

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FIREWALL SETTINGS

The Web Filter options allows you to set-up a list of allowed Web sites that can be used by multiple users. When Web Filter is enabled, all other Web sites not listed on this page will be blocked.

Save Settings Don't Save Settings

DMZ HOST

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

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

Enable DMZ Host : ☐

DMZ IP Address : << Select Machine

Schedule : Always

VPN PASSTHROUGH

Enable PPTP Passthrough : ☐
Enable L2TP Passthrough : ☐
Enable IPsec Passthrough : ☐

Helpful Hints..

Firewall Rule:
The Firewall section contains advanced settings used to deny or allow traffic from passing through the WBR-1310. Entries created on this page can be configured to affect either Inbound or Outbound traffic.

Name – The name associated with the Firewall Rule.
Action – Select either Allow or Deny based on what type of rule you are trying to create. If Allow is selected, the specified Protocol and Port will be permitted to pass from the Source to the Destination. If Deny is selected, the specified Protocol and Port will be denied from passing from the Source to the Destination.

Source Interface – Choose the interface, either LAN or WAN, that the specified Protocol and Port will be originating from. If you would like this rule to affect traffic originating from either interface, select the asterisk.

Source IP Range Start – Enter the IP address or first IP address from the range that the specified Protocol and Port will be originating from.

Source IP Range End – If the specified Protocol and Port will be originating from a range of IP addresses, enter the last IP address from that range.

Destination Interface – Choose the interface,

Advanced Wireless Settings

TX Rate: Select the basic transfer rates based on the speed of wireless adapters on your wireless network. It is strongly recommended to keep this setting to **Auto**.

Transmit Power: Set the transmit power of the antennas.

Beacon Interval: Beacons are packets sent by an Access Point to synchronize a wireless network. Specify a value. 100 is the default setting and is recommended.

RTS Threshold: This value should remain at its default setting of 2346. If inconsistent data flow is a problem, only a minor modification should be made.

Fragmentation: The fragmentation threshold, which is specified in bytes, determines whether packets will be fragmented. Packets exceeding the 2346 byte setting will be fragmented before transmission. 2346 is the default setting.

DTIM Interval: (Delivery Traffic Indication Message) 3 is the default setting. A DTIM is a countdown informing clients of the next window for listening to broadcast and multicast messages.

Preamble Type: Select Short or Long Preamble. The Preamble defines the length of the CRC block (Cyclic Redundancy Check is a common technique for detecting data transmission errors) for communication between the wireless router and the roaming wireless network adapters. Auto is the default setting. Note: High network traffic areas should use the shorter preamble type.

CTS Mode: CTS (Clear To Send) is a function used to minimize collisions among wireless devices on a wireless local area network (LAN). CTS will make sure the wireless network is clear before a wireless client attempts to send wireless data. Enabling CTS will add overhead and may lower wireless through put. **None:** CTS is typically used in a pure 802.11g environment. If CTS is set to "None" in a mixed mode environment populated by 802.11b clients, wireless collisions may occur frequently. **Always:** CTS will always be used to make sure the wireless LAN is clear before sending data. **Auto:** CTS will monitor the wireless network and automatically decide whether to implement CTS based on the amount of traffic and collisions that occurs on the wireless network.

WMM Function: WMM is QoS for your wireless network. Enable this option to improve the quality of video and voice applications for your wireless clients.

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ADVANCED WIRELESS SETTINGS

If you are not familiar with these Advanced Wireless settings, please read the help section before attempting to modify these settings.

Save Settings Don't Save Settings

ADVANCED WIRELESS SETTINGS

TX Rates : Auto
Transmit Power : 100%
Beacon interval : 100 (msec, range:20~1000, default:100)
RTS Threshold : 2346 (range: 256~2346, default:2346)
Fragmentation : 2346 (range: 1500~2346, default:2346, even number only)
DTIM interval : 1 (range: 1~255, default:1)
Preamble Type : ☐ Short Preamble ☐ Long Preamble
CTS Mode : ☐ None ☐ Always ☐ Auto
WMM Function : ☒ Disable ☐ Enable

Helpful Hints.

Transmission (TX) Rates – Select the basic transfer rates based on the speed of wireless adapters on the WLAN (wireless local area network).

Transmit Power – You can lower the output power of the WBR-1310 by selecting lower percentage Transmit Power values from the drop down. Your choices are: 100%, 50%, 25%, and 12.5%.

Beacon Interval – Beacons are packets sent by an Access Point to synchronize a wireless network. Specify a Beacon interval value between 20 and 1000. The default value is set to 100 milliseconds.

RTS Threshold – This value should remain at its default setting of 2346. If

Advanced Network Settings

UPnP Settings: To use the Universal Plug and Play (UPnP™) feature click on **Enabled**. UPNP provides compatibility with networking equipment, software and peripherals.

WAN Ping: Unchecking the box will not allow the WBR-2310 to respond to pings. Blocking the Ping may provide some extra security from hackers. Check the box to allow the WAN port to be “pinged”.

WAN select to 10/100 Mbps: You may set the port speed of the WAN port to 10Mbps, 100Mbps, or auto. Some older cable or DSL modems may require you to set the port speed to 10Mbps.

Gaming Mode: Gaming mode allows a form of pass-through for certain Internet Games. If you are using Xbox, Playstation2 or a PC, make sure you are using the latest firmware and Gaming Mode is enabled. To utilize Gaming Mode, click the box. If you are not using a Gaming application, it is recommended that you Disable Gaming Mode.

Multicast streams: Check the box to allow multicast traffic to pass through the router from the Internet.

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SETUP ADVANCED TOOLS STATUS SUPPORT

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ADVANCED NETWORK

NETWORK SETTINGS

If you are not familiar with these Advanced Network settings, please read the help section before attempting to enable or disable them.

Save Settings Don't Save Settings

UPNP

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

Enable UPnP : ☐

WAN PING

If you enable this feature your WAN IP Address will respond to direct requests from the Internet.

Enable WAN Ping Respond : ☐

WAN SELECT TO 10/100 MBPS

100Mbps

GAMING MODE

If you are having difficulties playing some online games - please enable this mode

Enable GAMING mode : ☐

MULTICAST STREAMS

Enable Multicast Streams: ☐

Helpful Hints..

Administrator Settings

This page will allow you to change the Administrator and User passwords. You can also enable Remote Management. There are two accounts that can access the management interface through the web browser. The accounts are admin and user. Admin has read/write access while user has read-only access. User can only view the settings but cannot make any changes. Only the admin account has the ability to change both admin and user account passwords.

Administrator Login Name: Enter a new Login Name for the Administrator account.

Administrator Password: Enter a new password for the Administrator Login Name. The administrator can make changes to the settings.

User Login Name: Enter a new Login Name for the user account.

User Password: Enter the new password for the User login. If you login as the User, you can only see the settings, but cannot change them.

Remote Management: Remote management allows the WBR-1310 to be configured from the Internet by a web browser. A username and password is still required to access the Web-Management interface. In general, only a member of your network can browse the built-in web pages to perform Administrator tasks. This feature enables you to perform Administrator tasks from the remote (Internet) host.

IP Address: The Internet IP address of the computer that has access to the Broadband Router. If you input an asterisk (*) into this field, then any computer will be able to access the Router. Putting an asterisk (*) into this field would present a security risk and is not recommended.

Port: The port number used to access the WBR-1310.

Example: http://x.x.x.x:8080 whereas x.x.x.x is the WAN IP address of the WBR-1310 and 8080 is the port used for the Web-Management interface.

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ADMINISTRATOR SETTINGS

There are two accounts that can access the router's management interface. These accounts are **admin** and **user**.

Admin has read/write access while **user** has read-only access. **User** can only view the settings but cannot make any changes. Only the **admin** account has the ability to change both **admin** and **user** account passwords.

Save Settings Don't Save Settings

ADMINISTRATOR (THE DEFAULT LOGIN NAME IS "ADMIN")

Login name :

New Password :

Confirm Password :

USER (THE DEFAULT LOGIN NAME IS "USER")

Login name :

New Password :

Confirm Password :

REMOTE MANAGEMENT

Enable Remote Management : ☐

IP Address :

Port : 8080

Schedule : Always

Helpful Hints..

Administrator Settings
There are two accounts that can access the router's management interface. These accounts are **admin** and **user**. **Admin** has read/write access while **user** has read-only access. **User** can only view the settings but cannot make any changes. Only the **admin** account has the ability to change both **admin** and **user** account passwords.

Admin password – Enter and confirm the password that the **admin** account will use to access the router's management interface.

User Password – Enter and confirm the password that the **user** account will use to view the router's settings through its management interface.

Time Settings

Time Zone: Select the Time Zone from the drop-down menu.

Daylight Saving: To select Daylight Saving time manually, select enabled or disabled, and enter a start date and an end date for daylight saving time.

Automatic: NTP is short for Network Time Protocol. NTP synchronizes computer clock times in a network of computers. This field is optional.

Manual: To manually input the time, enter the values in these fields for the Year, Month, Day, Hour, Minute, and Second. Click Set Time. You can also click Copy Your Computer's Time Settings.

The screenshot shows the D-Link WBR-1310 web interface for Time Configuration. The interface is divided into several sections:

- Header:** D-Link logo and navigation tabs: SETUP, ADVANCED, TOOLS, STATUS, SUPPORT.
- Left Sidebar:** ADMIN, TIME (selected), SYSTEM, FIRMWARE, SYSTEM CHECK.
- TIME Configuration Section:**
 - Time Configuration:** A text box explaining the purpose of the section and buttons for "Save Settings" and "Don't Save Settings".
 - TIME CONFIGURATION:**
 - Time: (empty field)
 - Time Zone: (GMT-12:00) Eniwetok, Kwajalein (dropdown menu)
 - Enable Daylight Saving: (checkbox)
 - Daylight Saving Settings:
 - Daylight Saving Offset: -2:00 (dropdown menu)
 - DST Start: Month (Jan), Week (1st), Day of Week (Sun), Time (12 am) (dropdown menu)
 - DST End: Month (Jan), Week (1st), Day of Week (Sun), Time (12 am) (dropdown menu)
 - AUTOMATIC TIME CONFIGURATION:**
 - Enable NTP server: (checkbox)
 - NTP Server Used: (empty field) << Select NTP Server (dropdown menu)
 - SET THE DATE AND TIME MANUALLY:**
 - Current Gateway Time:
 - Year: 2002 (dropdown menu), Month: Jan (dropdown menu), Day: 01 (dropdown menu)
 - Hour: 00 (dropdown menu), Minute: 00 (dropdown menu), Second: 00 (dropdown menu), AM (dropdown menu)
 - Copy Your Computer's Time Settings (button)
- Helpful Hints..:**
 - System Time:** The "system time" setting is used by the unit for synchronizing scheduling services and system logging activities. You will need to set the time zone corresponding to your location. The time can be set manually or the device can connect to a NTP (Network Time Protocol) server to retrieve the time. You may also set Daylight Saving dates and the system time will automatically adjust on those dates.
 - Automatic:** Enter the NTP server which you would like the WBR-1310 to synchronize its time with. Also, select the interval at which the WBR-1310 will communicate with the specified NTP server.
 - Manual:** Select this option if you would like to specify the time manually. You must specify the Year, Month, Day, Hour, Minute, and Second, or you can click the Computer Clock button to copy the system time from the computer being used to access the management interface.
 - Time Zone:** Select the Time Zone for the region you are in.
 - Daylight Saving:** If the region you are in observes Daylight Savings Time, enable this option and specify the Starting and Ending Month and Week for this time of the year.

System Settings

Save Settings to Local Hard Drive: Use this option to save the current router configuration settings to a file on the hard disk of the computer you are using. First, click the Save button. You will then see a file dialog, where you can select a location and file name for the settings.

Load Settings from Local Hard Drive: Use this option to load previously saved router configuration settings. First, use the Browse control to find a previously save file of configuration settings. Then, click the Load button to transfer those settings to the router.

Restore to Factory Default Settings: This option will restore all configuration settings back to the settings that were in effect at the time the router was shipped from the factory. Any settings that have not been saved will be lost, including any rules that you have created. If you want to save the current router configuration settings, use the Save button above.

JumpStart function: Click Enabled to use the JumpStart function. If your wireless router uses JumpStart, please check the adapter for instructions.

Reset JumpStart: Use this option to reset the JumpStart feature.

The screenshot shows the D-Link WBR-1310 web interface. The top navigation bar includes tabs for SETUP, ADVANCED, TOOLS, STATUS, and SUPPORT. The left sidebar contains links for ADMIN, TIME, SYSTEM, FIRMWARE, and SYSTEM CHECK. The main content area is titled 'SYSTEM SETTINGS' and contains the following text: 'The current system settings can be saved as a file onto the local hard drive. The saved file or any other saved setting file created by device can be uploaded into the unit.' Below this text are two buttons: 'Save Settings' and 'Don't Save Settings'. Further down, there are three sections: 'Save Settings To Local Hard Drive' with a 'Save' button; 'Load Settings From Local Hard Drive' with a text input field and a 'Browse...' button, followed by an 'Upload Settings' button; and 'Restore To Factory Default Settings' with a 'Restore Device' button. At the bottom, there is a 'Reboot' button with the text 'Reboots the WBR-1310 :'. On the right side of the interface, there is a 'Helpful Hints..' section with a 'System Settings' heading and detailed instructions on saving, loading, and restoring settings, as well as a warning about the factory restore process.

Firmware Upgrade

You can upgrade the firmware of the Router here. Make sure the firmware you want to use is on the local hard drive of the computer. Click on **Browse** to locate the firmware file to be used for the update. Please check the D-Link support site for firmware updates at <http://support.dlink.com>. You can download firmware upgrades to your hard drive from the D-Link support site.

Firmware Upgrade: Click on the link in this screen to find out if there is an updated firmware; if so, download the new firmware to your hard drive.

Browse: After you have downloaded the new firmware, click Browse in this window to locate the firmware update on your hard drive. Click **Save Settings** to complete the firmware upgrade.

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WBR-1310 //

ADMIN
TIME
SYSTEM
FIRMWARE
SYSTEM CHECK

SETUP ADVANCED TOOLS STATUS SUPPORT

FIRMWARE UPGRADE

There may be new firmware for your WBR-1310 to improve functionality and performance. [Click here to check for an upgrade on our support site.](#)

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

Save Settings Don't Save Settings

CURRENT FIRMWARE INFO.

Current Firmware Version
Firmware Date Browse...

Helpful Hints..

Firmware Upgrade
You can upgrade the firmware of the device using this tool. Make sure that the firmware you want to use is saved on the local hard drive of the computer. Click on **Browse** to search the local hard drive for the firmware to be used for the update. Upgrading the firmware will not change any of your system settings but it is recommended that you save your system settings before doing a firmware upgrade. Please check the D-Link support site for

System Check

Virtual Cable Tester (VCT) Info: VCT is an advanced feature that integrates a LAN cable tester on every Ethernet port on the router. Through the graphical user interface (GUI), VCT can be used to remotely diagnose and report cable faults such as opens, shorts, swaps, and impedance mismatch. This feature significantly reduces service calls and returns by allowing users to easily troubleshoot their cable connections.

Ping Test: The Ping Test is used to send Ping packets to test if a computer is on the Internet. Enter the IP Address that you wish to Ping, and click **Ping**.

WBR-1310

ADMIN

TIME

SYSTEM

FIRMWARE

SYSTEM CHECK

SETUP

ADVANCED

TOOLS

STATUS

SUPPORT

FAST ETHERNET VIRTUAL CABLE TESTER (VCT)

Cable Test is an advanced feature that integrates a LAN cable tester on every Ethernet port on the router.

VCT INFO.

Ports	Link Status	
WAN		More Info
LAN1		More Info
LAN2		More Info
LAN3		More Info
LAN4		More Info

PING TEST

Ping Test is used to send "Ping" packets to test if a computer is on the Internet.

Host Name or IP Address : [Ping](#)

Helpful Hints..

Cable Test
Cable Test is an advanced feature that integrates a LAN cable tester on every Ethernet port on the router. Through the graphical user interface (GUI), Cable Test can be used to remotely diagnose and report cable faults such as opens, shorts, swaps, and impedance mismatch. This feature significantly reduces service calls and returns by allowing users to easily troubleshoot their cable connections.

Device Information

This page displays the current information for the WBR-2310. It will display the LAN, WAN, and Wireless information.

If your WAN connection is set up for a Dynamic IP address then a **Release** button and a **Renew** button will be displayed. Use **Release** to disconnect from your ISP and use **Renew** to connect to your ISP.

If your WAN connection is set up for PPPoE, a **Connect** button and a **Disconnect** button will be displayed. Use **Disconnect** to drop the PPPoE connection and use **Connect** to establish the PPPoE connection.

LAN: Displays the MAC address and the private (local) IP settings for the router.

WAN: Displays the MAC address and the public IP settings for the router.

Wireless Displays whether or not the status of the **JumpStart:** JumpStart feature is enabled or disabled.

Wireless: Displays the wireless MAC address and your wireless settings such as SSID and Channel.

DEVICE INFORMATION :	
All of your Internet and network connection details are displayed on this page. The firmware version is also displayed here.	
Firmware Version: 1.00 , Dec 6, 2005	
LAN :	
MAC Address : 00-10-ab-cd-ee-03 IP Address : 192.168.0.1 Subnt Mask : 255.255.255.0 DHCP Server : Enabled	
WAN:	
MAC Address : 00-10-ab-cd-ee-04 DHCP Client Disconnected Connection : <input type="button" value="DHCP Release"/> <input type="button" value="DHCP Renew"/> IP Address : 0.0.0.0 Subnt Mask : 0.0.0.0 Default Gateway : 0.0.0.0 DNS :	
WIRELESS JUMPSTART :	
Jump Start : Disabled Status : Disabled	
WIRELESS 802.11G :	
SSID : dlink Channel : 6 Encryption : Disabled	

Log

First Page: View the first page of the log.

Last Page: View the last page of the log.

Previous: View the previous page.

Next: View the next page.

Clear: Clear the log.

VIEW LOG :				
View Log displays the activities occurring on the WBR-2310.				
LOG FILES :				
<div>First PageLast PagePreviousNextClear</div>				
Page 1 of 20				
Time	Message	Source	Destination	Note
Apr/01/2002 01:04:49	DHCP Discover no response			
Apr/01/2002 01:04:49	DHCP Discover			
Apr/01/2002 01:04:33	DHCP Discover			
Apr/01/2002 01:04:24	DHCP Discover			
Apr/01/2002 01:04:19	DHCP Discover			
Apr/01/2002 01:04:17	DHCP Discover			
Apr/01/2002 01:04:15	DHCP Discover no response			
Apr/01/2002 01:04:15	DHCP Discover			
Apr/01/2002 01:03:58	DHCP Discover			
Apr/01/2002 01:03:50	DHCP Discover			

Stats

The screen below displays the Traffic Statistics. Here you can view the amount of packets that pass through the WBR-2310 on both the WAN and the LAN ports. The traffic counter will reset if the device is rebooted.

TRAFFIC STATISTICS :

Traffic Statistics display Receive and Transmit packets passing through the WBR-2310.

Refresh

Reset

	Receive	Transmit
WAN	0 Packets	594 Packets
LAN	3502 Packets	4510 Packets
WIRELESS 11g	0 Packets	2813 Packets

Wireless Stats

The wireless client table displays a list of current connected wireless clients. This table also displays the connection time and MAC address of the connected wireless client.

CONNECTED WIRELESS CLIENT LIST :

The Wireless Client table below displays Wireless clients Connected to the AP (Access Point), to the AP (Access Point).

Connected Time	MAC Address	Mode
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Support

WBR-1310

MENU

SETUP

ADVANCED

TOOLS

STATUS

SUPPORT

SUPPORT MENU

Setup

- Setup Wizard
- Wireless Settings
- WAN Settings
- LAN Settings
- DHCP Server

Advanced

- Virtual Server
- Special Applications
- Filters
- Firewall Rules
- DMZ
- Wireless Performance

Tools

- Administrator Settings
- System Time
- System Settings
- Firmware Upgrade
- Miscellaneous Items
- Cable Test

Status

- Device Information
- Log
- Traffic Statistics
- Connected Wireless Client List

FAQs

Helpful Hints..

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Wireless Security

This section will show you the different levels of security you can use to protect your data from intruders. The WBR-1310 offers the following types of security:

- WPA2 (Wi-Fi Protected Access 2)
- WPA (Wi-Fi Protected Access)
- WEP (Wired Equivalent Privacy)
- WPA2-PSK (Pre-Shared Key)
- WPA-PSK (Pre-Shared Key)

What is WEP?

WEP stands for Wired Equivalent Privacy. It is based on the IEEE 802.11 standard and uses the RC4 encryption algorithm. WEP provides security by encrypting data over your wireless network so that it is protected as it is transmitted from one wireless device to another.

To gain access to a WEP network, you must know the key. The key is a string of characters that you create. When using WEP, you must determine the level of encryption. The type of encryption determines the key length. 128-bit encryption requires a longer key than 64-bit encryption. Keys are defined by entering in a string in HEX (hexadecimal - using characters 0-9, A-F) or ASCII (American Standard Code for Information Interchange – alphanumeric characters) format. ASCII format is provided so you can enter a string that is easier to remember. The ASCII string is converted to HEX for use over the network. Four keys can be defined so that you can change keys easily.

Configure WEP

It is recommended to enable encryption on your wireless router before your wireless network adapters. Please establish wireless connectivity before enabling encryption. Your wireless signal may degrade when enabling encryption due to the added overhead.

1. Log into the web-based configuration by opening a web browser and entering the IP address of the router (192.168.0.1). Click on **Wireless Settings** on the left side.
2. Next to *Security Mode*, select **Enable WEP Security**.
3. Next to *Authentication*, select **Shared Key**.
4. Select either **64-bit** or **128-bit** encryption from the drop-down menu next to *WEP Encryption*.
5. Next to *Key Type*, select either **Hex** or **ASCII**.
Hex (recommended) - Letters A-F and numbers 0-9 are valid.
ASCII - All numbers and letters are valid.
6. Next to *Key 1*, enter a WEP key that you create. Make sure you enter this key exactly on all your wireless devices. You may enter up to 4 different keys.
7. Click **Save Settings** to save your settings. If you are configuring the router with a wireless adapter, you will lose connectivity until you enable WEP on your adapter and enter the same WEP key as you did on the router.

WIRELESS SECURITY MODE :

Security Mode : **Enable WEP Wireless Security (basic)**

WEP :

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

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

Authentication : **Shared Key**

WEP Encryption : **64Bit**

Key Type : **HEX**

Default WEP Key : **WEP Key 1**

WEP Key 1 :

WEP Key 2 :

WEP Key 3 :

WEP Key 4 :