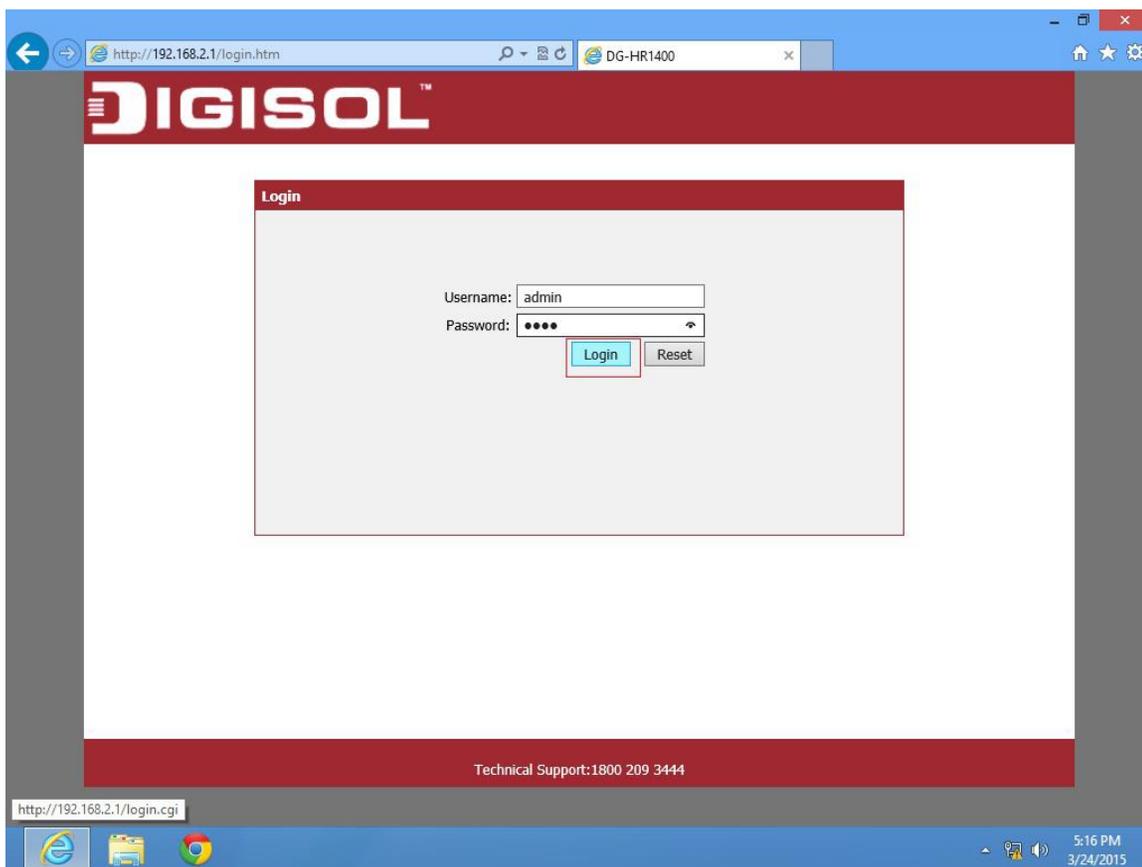


[HOW TO CONFIGURE THE DG-HR1400 IN REPEATER MODE](#)

STEP 1: ACCESSING THE WEB CONFIGURATION PAGE INSIDE THE ROUTER

Open the configuration page of the router by typing <http://192.168.2.1> in a web browser. We recommend this one time configuration to be done using Internet Explorer.

Enter the username as [admin](#) and password as [1234](#) and click on Login.



STEP 2: CONFIGURE THE ROUTER IN REPEATER MODE

Click on [Wireless > Wireless Repeater](#).

Select [Repeater Enabled](#) and type the Wireless network name under [SSID of AP](#)(Main AP)

Click [Apply](#) to enable the repeater mode.

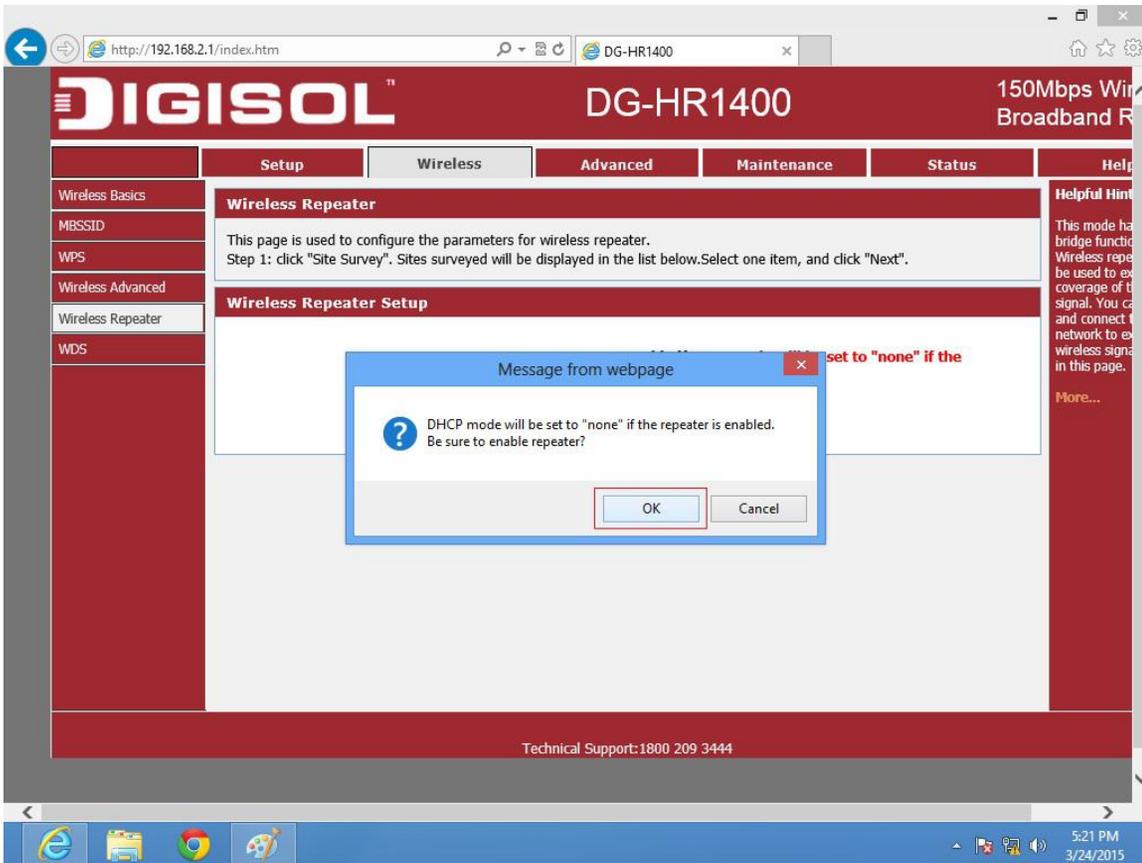


The screenshot displays the web interface of a DIGISOL DG-HR1400 router. The browser address bar shows the URL <http://192.168.2.1/index.htm>. The router's main menu includes 'Setup', 'Wireless', 'Advanced', 'Maintenance', 'Status', and 'Help'. The 'Wireless' tab is active, and the 'Wireless Repeater' sub-tab is selected. The 'Wireless Repeater Setup' section contains the following elements:

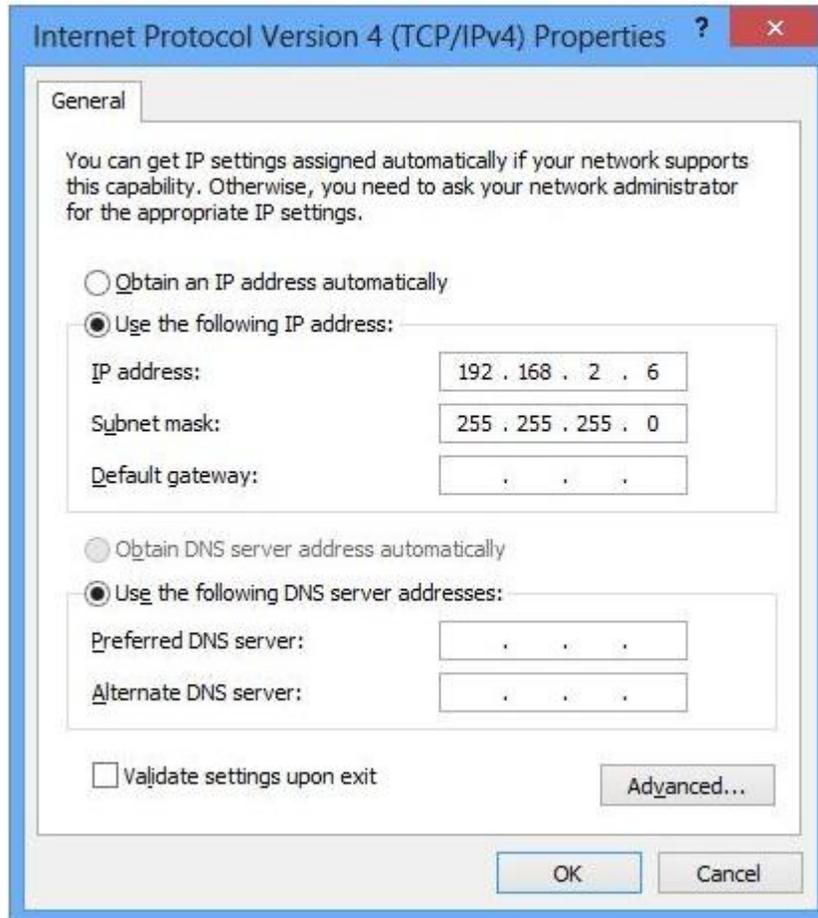
- Repeater Enabled**(DHCP mode will be set to "none" if the repeater is enabled.)
- SSID of AP:
- Site Survey:
- Apply:

A 'Helpful Hint' on the right side of the page reads: "This mode has bridge function. Wireless repeater can be used to extend coverage of the wireless signal. You can connect to the wireless network to extend wireless signal in this page." Below the hint is a 'More...' link. At the bottom of the page, the text 'Technical Support: 1800 209 3444' is visible. The Windows taskbar at the bottom shows the time as 5:19 PM on 3/24/2015.

After clicking on apply, you will get the message as shown below. Click on **OK** to continue. The Router will reboot and you will get the wizard to configure the router as repeater. Using this router you can extend your wireless network.

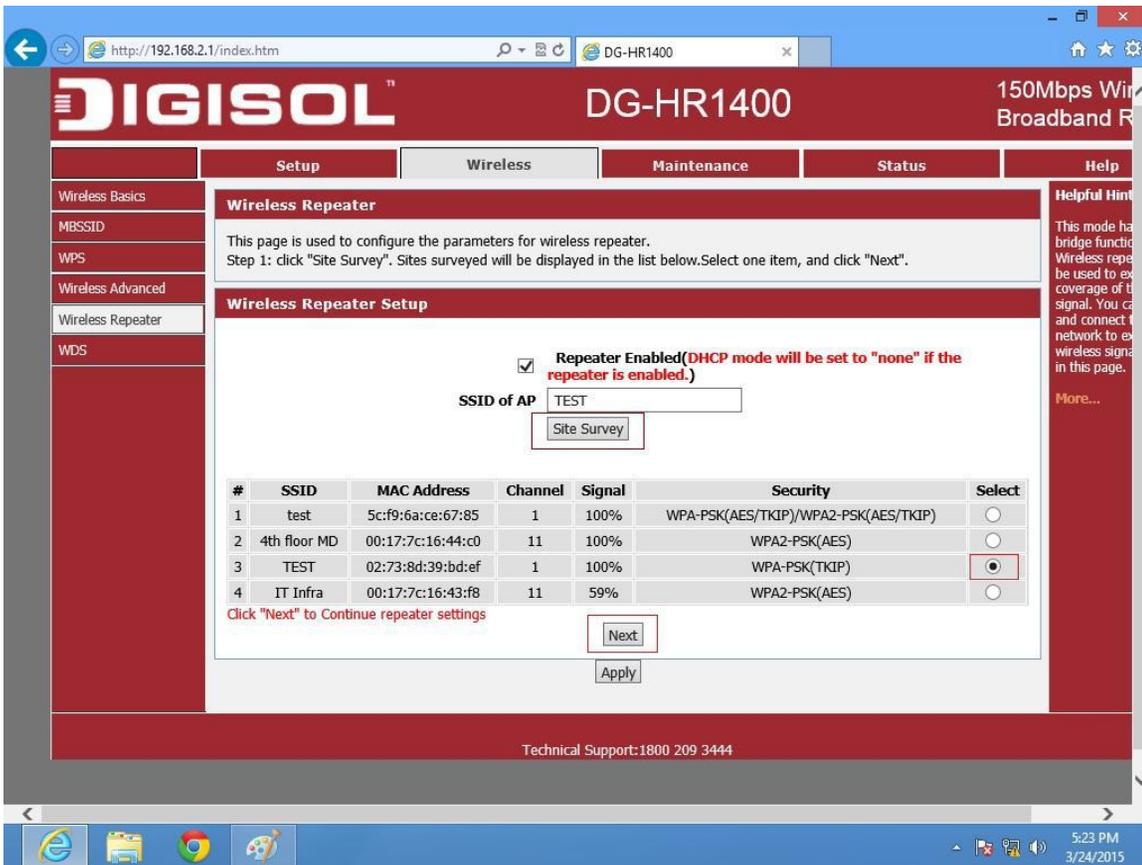


NOTE: By default DHCP is disabled in Repeater Mode. To access the GUI you need to manually assign IP address to the LAN or Wireless card (192.168.2.x) of your PC through which you are connecting to the router DG-HR1400.



Also, make sure that your network address does not conflict with the DG-HR1400. If your existing wireless network has 192.168.2.1 IP assigned in your network it is recommended to change the IP of DG-HR1400 from 192.168.2.1 to 192.168.2.x (x stands for any digit between 2-254 which is not used in your network).

Now after the Repeater (DG-HR1400) is rebooted, kindly login and click the [Site Survey](#) button which will scan the available wireless networks and list it. Please select your wireless network which you want to repeat. In below screenshot we have selected **TEST** as an example. Click [Next](#) to continue with the setup.



The screenshot shows the DIGISOL DG-HR1400 web interface. The browser address bar shows <http://192.168.2.1/index.htm>. The page title is "DIGISOL™ DG-HR1400". The navigation menu includes Setup, Wireless, Maintenance, Status, and Help. The "Wireless" tab is active, and the "Wireless Repeater" section is expanded. The "Wireless Repeater Setup" page contains the following information:

Repeater Enabled (DHCP mode will be set to "none" if the repeater is enabled.)

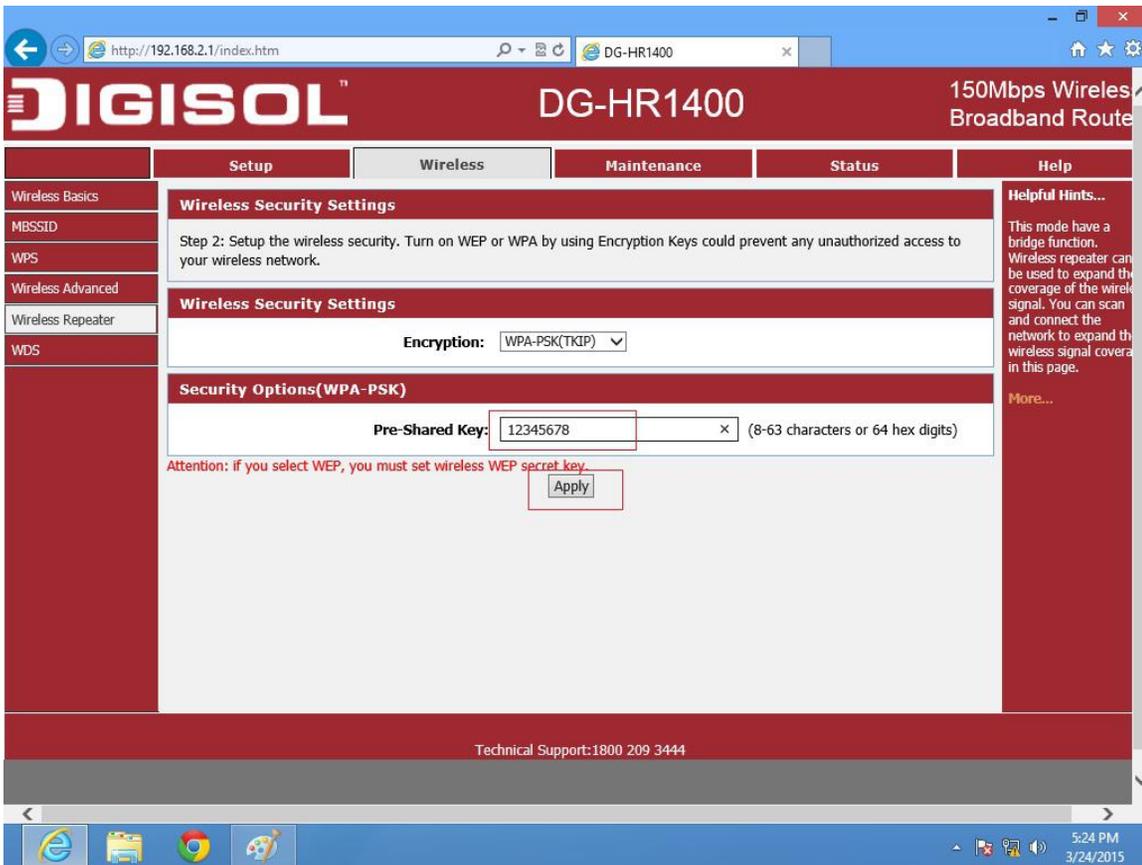
SSID of AP: TEST

#	SSID	MAC Address	Channel	Signal	Security	Select
1	test	5c:f9:6a:ce:67:85	1	100%	WPA-PSK(AES/TKIP)/WPA2-PSK(AES/TKIP)	<input type="radio"/>
2	4th floor MD	00:17:7c:16:44:c0	11	100%	WPA2-PSK(AES)	<input type="radio"/>
3	TEST	02:73:8d:39:bd:ef	1	100%	WPA-PSK(TKIP)	<input checked="" type="radio"/>
4	IT Infra	00:17:7c:16:43:f8	11	59%	WPA2-PSK(AES)	<input type="radio"/>

Click "Next" to Continue repeater settings

Technical Support: 1800 209 3444

Now as shown below in the next screen enter the security key. This key should match with your existing wireless network TEST which we have used in example. Click [Apply](#) to continue with the setup.



The screenshot displays the web interface for the DIGISOL DG-HR1400 router. The browser address bar shows the URL <http://192.168.2.1/index.htm>. The page title is "DIGISOL™ DG-HR1400 150Mbps Wireless Broadband Router". The navigation menu includes "Setup", "Wireless", "Maintenance", "Status", and "Help". The "Wireless" section is active, showing "Wireless Security Settings".

Wireless Security Settings

Step 2: Setup the wireless security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.

Wireless Security Settings

Encryption: WPA-PSK(TKIP)

Security Options(WPA-PSK)

Pre-Shared Key: 12345678 (8-63 characters or 64 hex digits)

Attention: if you select WEP, you must set wireless WEP secret key.

Apply

Helpful Hints...

This mode have a bridge function. Wireless repeater can be used to expand the coverage of the wireless signal. You can scan and connect the network to expand the wireless signal coverage in this page.

More...

Technical Support:1800 209 3444

5:24 PM 3/24/2015

Now click [Finish](#) button. We would recommend you to modify the IP address of your DG-HR1400 in the range of your main AP (router). For example, if the IP address of the main AP is [192.168.1.1](#), then you can modify the IP address of the DG-HR1400 to [192.168.1.20](#) as shown in the below screen.



The screenshot shows a web browser window displaying the configuration page for a DIGISOL DG-HR1400 device. The browser's address bar shows the URL <http://192.168.2.1/index.htm>. The page has a dark red header with the DIGISOL logo and the device model name "DG-HR1400". Below the header is a navigation menu with tabs for "Setup", "Wireless", "Maintenance", "Status", and "Help". The "Wireless" tab is selected, and a sidebar on the left lists various wireless settings like "Wireless Basics", "MBSID", "WPS", "Wireless Advanced", "Wireless Repeater", and "WDS".

The main content area is titled "Finish Configuration" and contains the following text:

Step 3: click "Finish" to save the configuration.

We strongly recommend that you modify IP address of the local gateway to avoid IP address conflicts with the center of the AP. (ex. if IP address of AP is 192.168.2.1, you can modify IP address of the local gateway to 192.168.2.2).

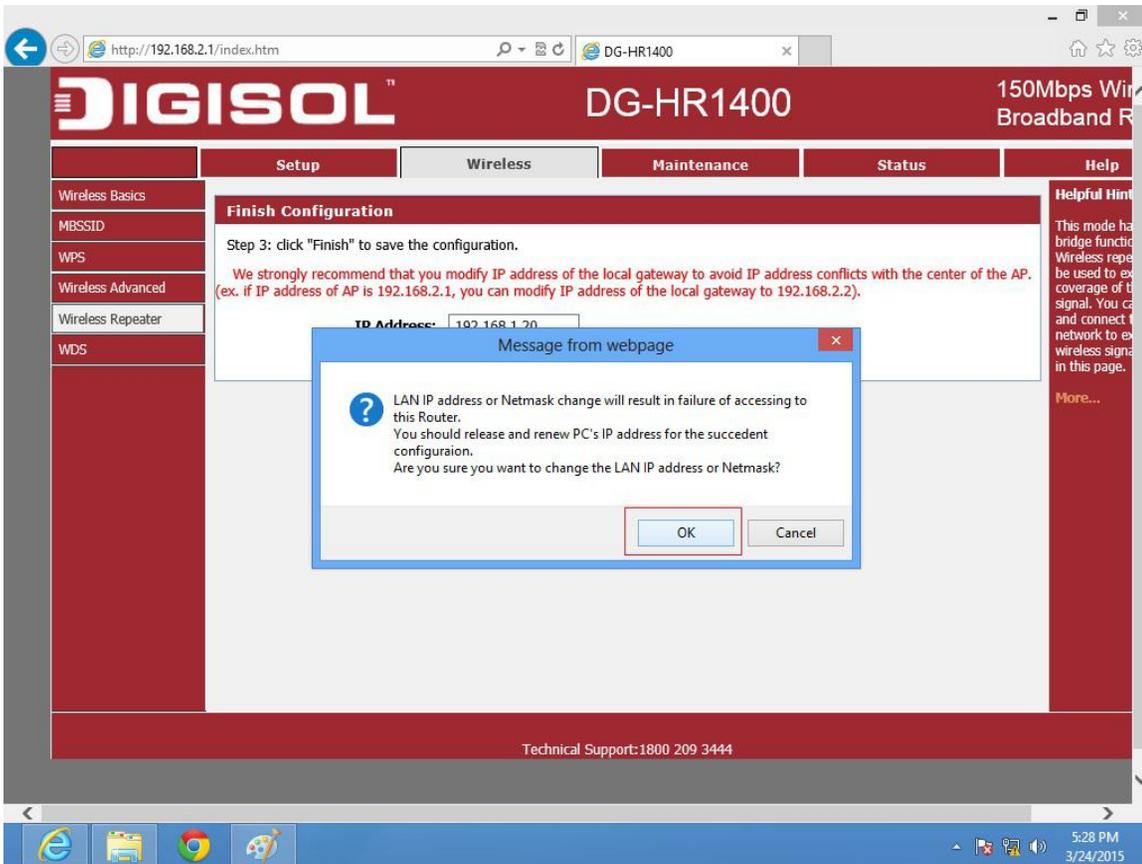
Below this text are two input fields:

- IP Address:** 192.168.1.20
- Subnet Mask:** 255.255.255.0

A "Finish" button is located below the input fields. On the right side of the page, there is a "Helpful Hint" section with text about bridge functions and signal coverage, and a "More..." link.

At the bottom of the page, there is a footer that reads "Technical Support:1800 209 3444".

Click on [OK](#) to continue.



STEP 3: CONFIGURE THE WIRELESS NETWORK NAME AND PASSWORD FOR REPEATER

Now click on [Wireless](#) and then [Wireless Basics](#) to set up SSID and Security key for the Repeater Device DG-HR1400 as shown below. The SSID and Security key for the Repeater Device DG-HR1400 can be kept same as the main AP or it can be different. Click on [Apply](#).



The screenshot displays the DIGISOL DG-HR1400 web interface. The browser address bar shows <http://192.168.1.20/index.htm>. The page title is "150Mbps Wireless Broadband Router". The navigation menu includes "Setup", "Wireless", "Maintenance", "Status", and "Help". The "Wireless Basics" section is selected, and the "Wireless Network" configuration is visible. The "Name(SSID)" field is set to "TEST1". The "Security Options" dropdown is set to "WPA-PSK(TKIP)". The "Pre-Shared Key" field contains "87654321". The "Apply" and "Cancel" buttons are at the bottom. A "Helpful Hints..." sidebar on the right provides additional information.

Helpful Hints...

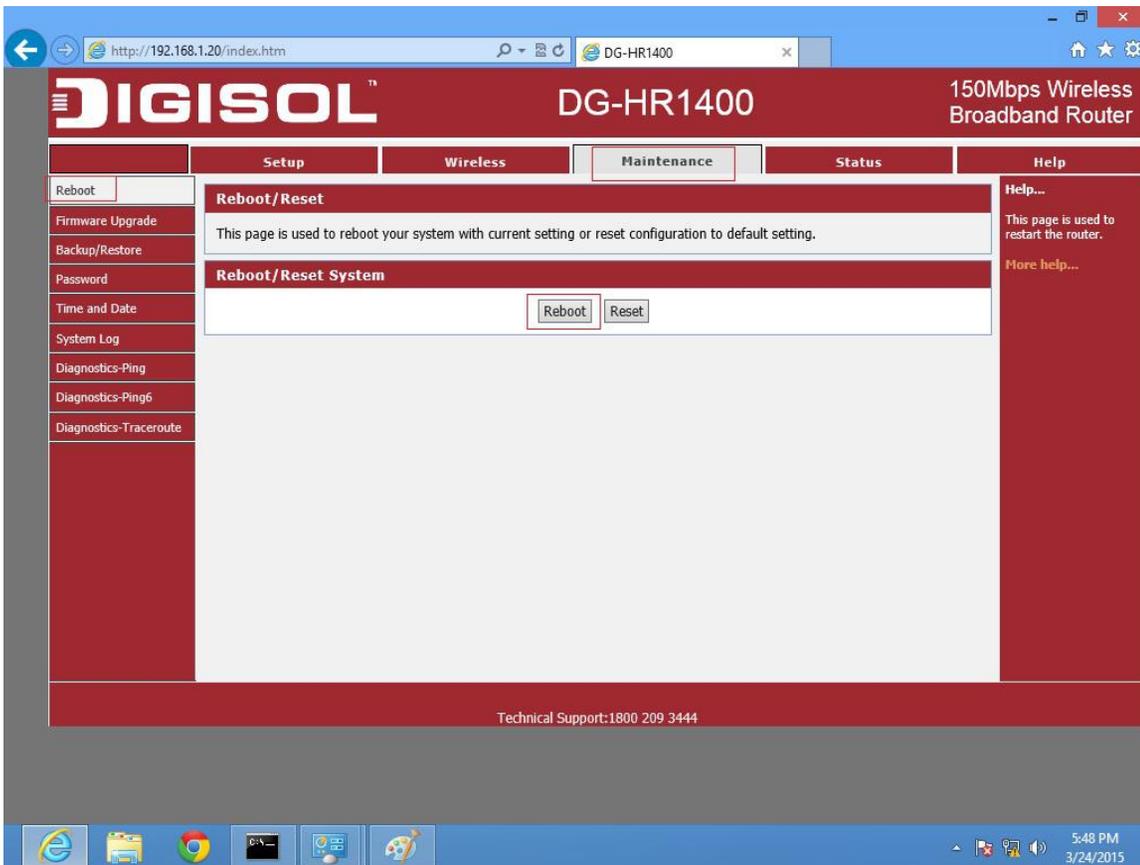
NOTE: To ensure proper agency compliance and compatibility between similar products in your area, the operating channel and region must be set correctly.

Placement of the Router to Optimize Wireless Connectivity

The operating distance or range of your wireless connection can vary significantly based on the physical placement of the router. For best results, place your router:

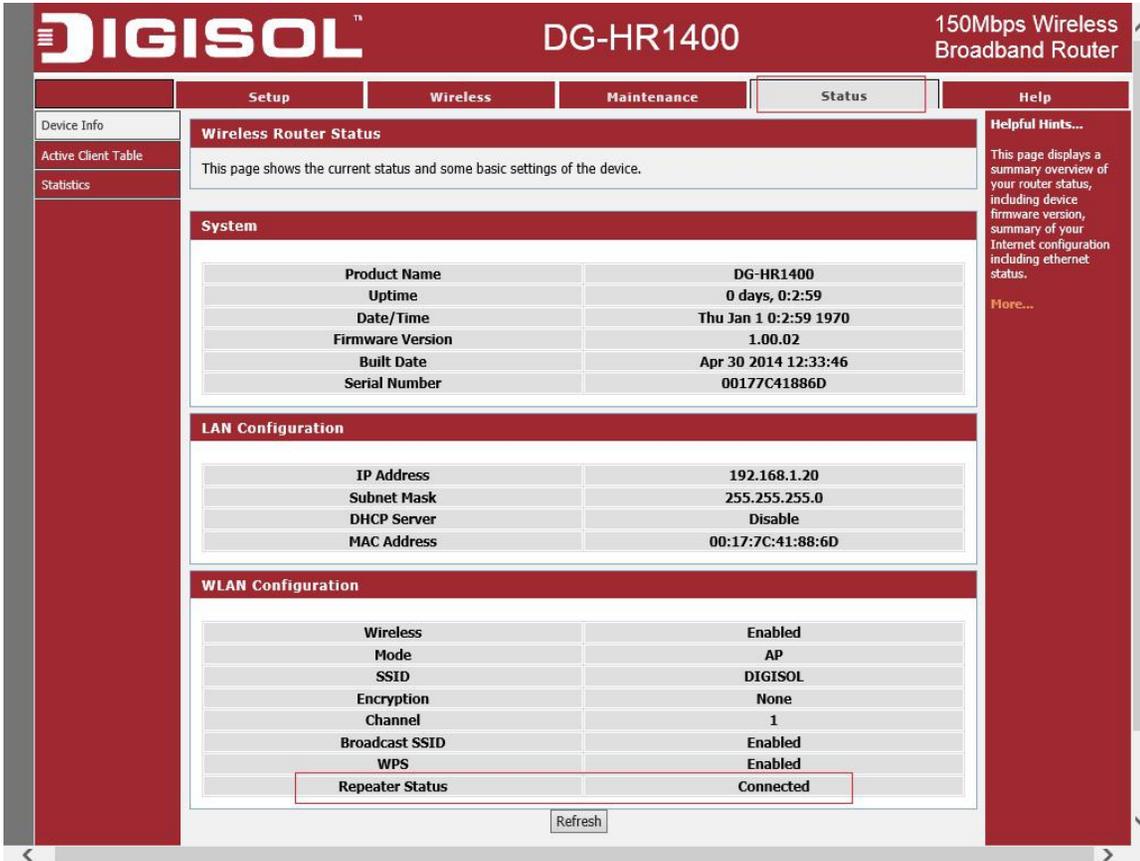
- Near the center of the area in which your PCs will operate.
- In an elevated location such as a high shelf.
- Away from potential sources of interference, such as PCs, microwave

Now Go to [Maintenance](#) tab and click [Reboot](#) button to reboot the device.



The screenshot displays the web management interface for a DIGISOL DG-HR1400 150Mbps Wireless Broadband Router. The browser address bar shows the URL `http://192.168.1.20/index.htm`. The interface features a navigation menu with tabs for Setup, Wireless, Maintenance, Status, and Help. The Maintenance tab is active, and the Reboot button has been selected, leading to the Reboot/Reset page. This page contains the following text: "Reboot/Reset" and "This page is used to reboot your system with current setting or reset configuration to default setting." Below this, there is a section titled "Reboot/Reset System" with two buttons: "Reboot" and "Reset". A help sidebar on the right provides additional information: "Help..." and "This page is used to restart the router." The footer of the interface includes the contact information "Technical Support:1800 209 3444". The Windows taskbar at the bottom shows the system time as 5:48 PM on 3/24/2015.

After the device has completed the rebooting process check the Repeater status as shown in below screen shot . Click on [Status](#). Status should be [Connected](#) if it is successfully connected to your network as shown in the below screen.



The screenshot shows the web interface of a DIGISOL DG-HR1400 150Mbps Wireless Broadband Router. The 'Status' tab is selected, displaying the 'Wireless Router Status' section. The 'System' table shows the product name as DG-HR1400 and the repeater status as 'Connected'.

System	
Product Name	DG-HR1400
Uptime	0 days, 0:2:59
Date/Time	Thu Jan 1 0:2:59 1970
Firmware Version	1.00.02
Built Date	Apr 30 2014 12:33:46
Serial Number	00177C41886D

LAN Configuration	
IP Address	192.168.1.20
Subnet Mask	255.255.255.0
DHCP Server	Disable
MAC Address	00:17:7C:41:88:6D

WLAN Configuration	
Wireless	Enabled
Mode	AP
SSID	DIGISOL
Encryption	None
Channel	1
Broadcast SSID	Enabled
WPS	Enabled
Repeater Status	Connected

The Repeater Setup is completed Congratulations!!