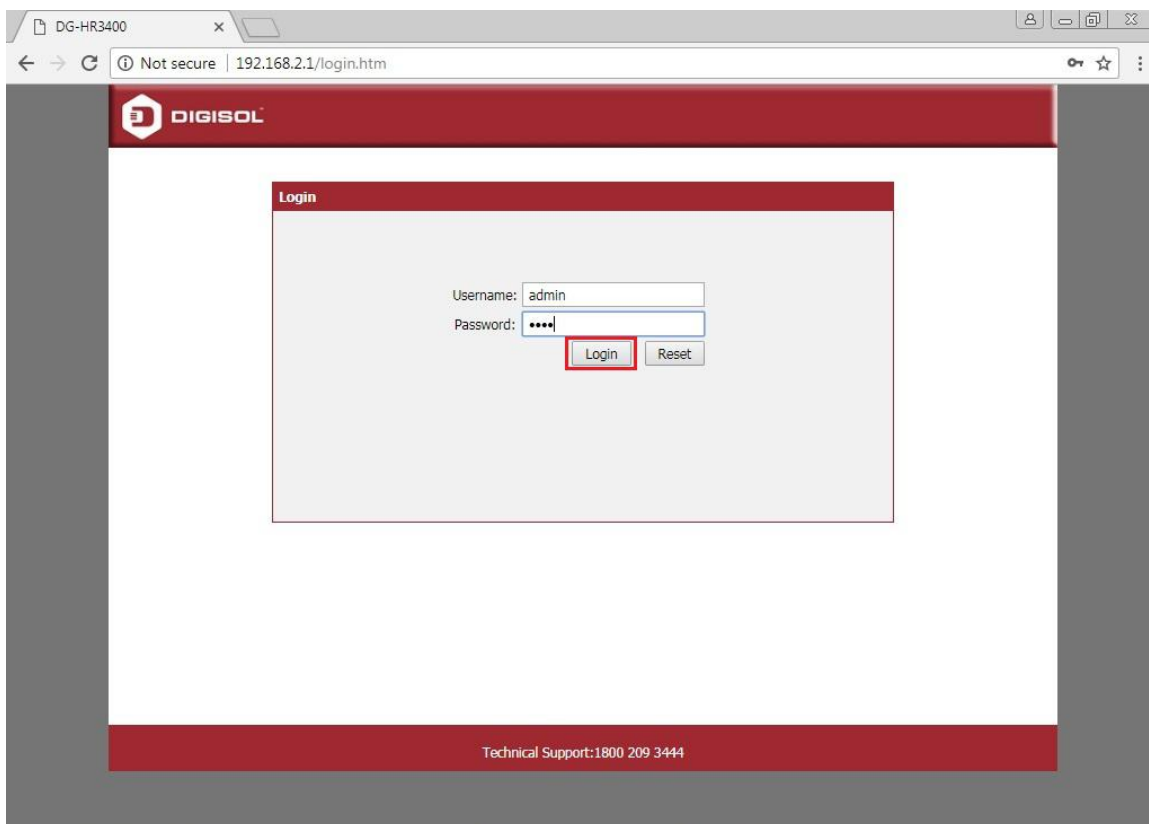


## [HOW TO CONFIGURE THE DG-HR3400 IN REPEATER MODE](#)

### 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.

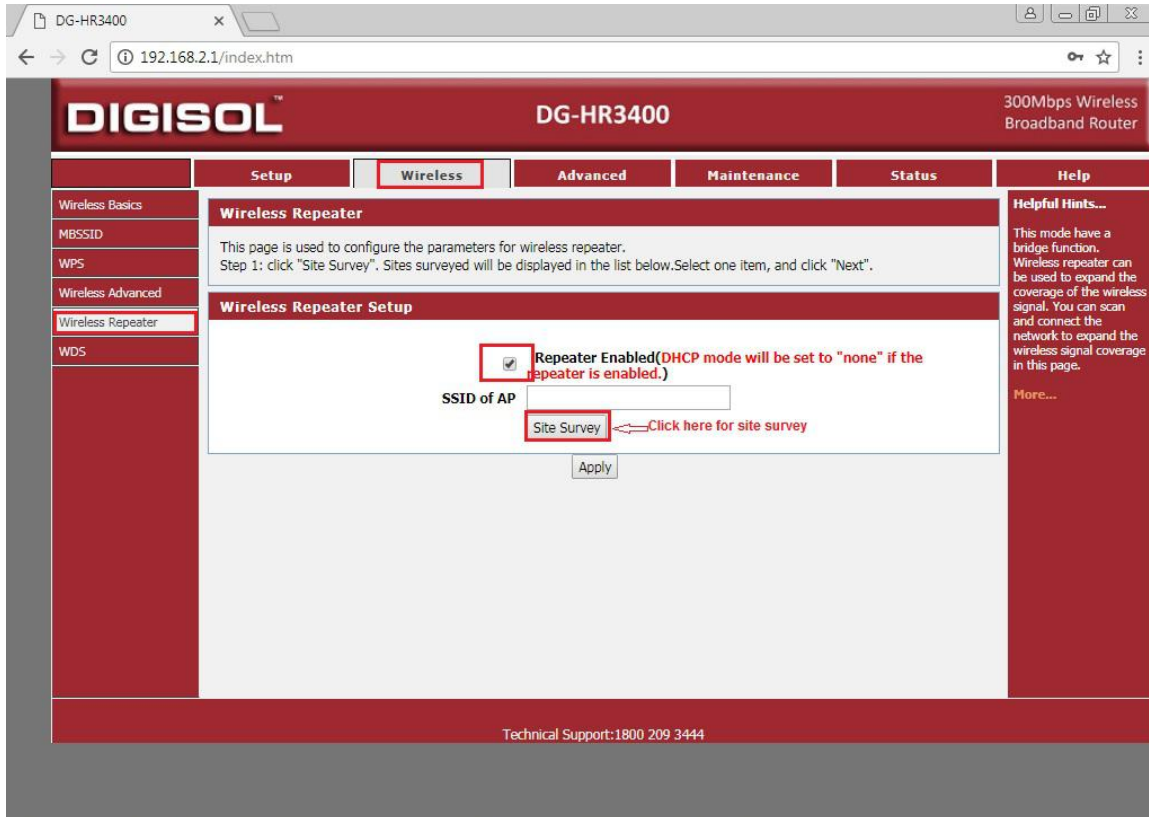


## STEP 2: CONFIGURE THE ROUTER IN REPEATER MODE

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 shows the web interface for the DIGISOL DG-HR3400 router. The browser address bar shows the URL 192.168.2.1/index.htm. The page title is "DIGISOL DG-HR3400 300Mbps Wireless Broadband Router". The navigation menu includes Setup, Wireless, Advanced, Maintenance, Status, and Help. The "Wireless" tab is selected, and the "Wireless Repeater" sub-tab is active. The main content area is titled "Wireless Repeater" and contains the following text:

This page is used to configure the parameters for wireless repeater.  
Step 1: click "Site Survey". Sites surveyed will be displayed in the list below. Select one item, and click "Next".

**Wireless Repeater Setup**

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

SSID of AP

**Site Survey** ← Click here for site survey

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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.



The screenshot shows a web browser window displaying the DIGISOL router's configuration page. The browser address bar shows the URL `192.168.2.1/index.htm`. The page title is "300Mbps Wireless Broadband Router". The main content area is titled "Wireless Repeater Setup" and contains the following text:

This page is used to configure the parameters for wireless repeater.  
Step 1: click "Site Survey". Sites surveyed will be displayed in the list below. Select one item, and click "Next".

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

SSID of AP:

**Site Survey** (highlighted with a red box)

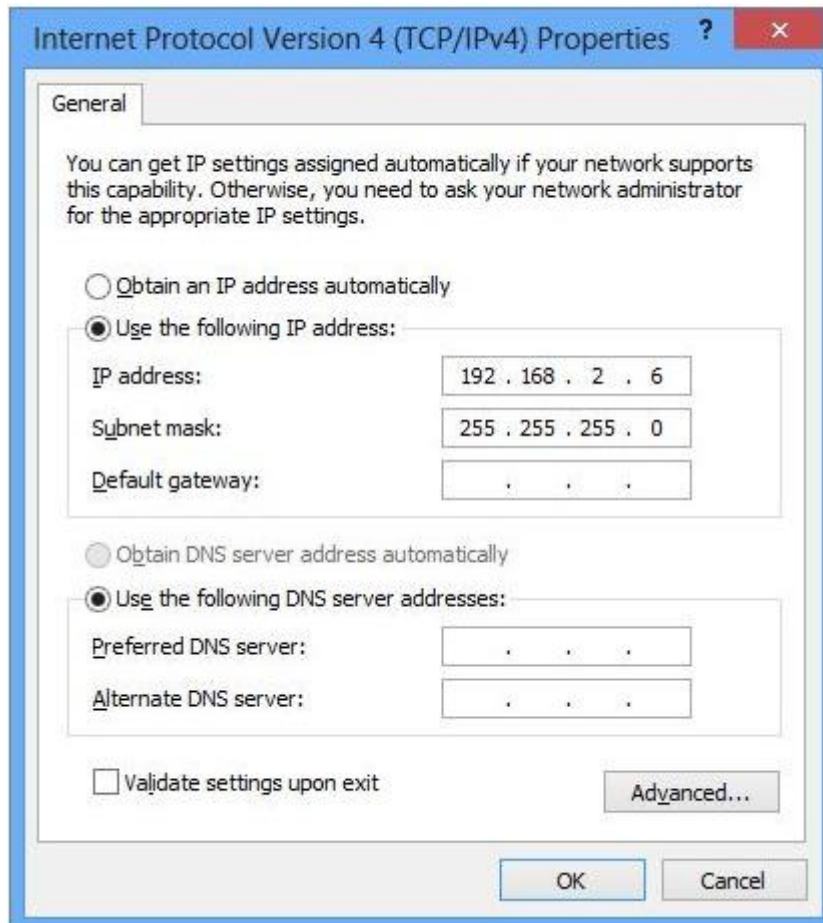
Apply

A dialog box is open in the foreground, titled "192.168.2.1 says:", with the message: "DHCP mode will be set to 'none' if the repeater is enabled. Be sure to enable repeater?". The dialog box has "OK" and "Cancel" buttons, with "OK" highlighted by a red box.

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NOTE: By default DHCP is disabled in Repeater Mode. To access the GUI you need to manually assign IP address to the LAN or

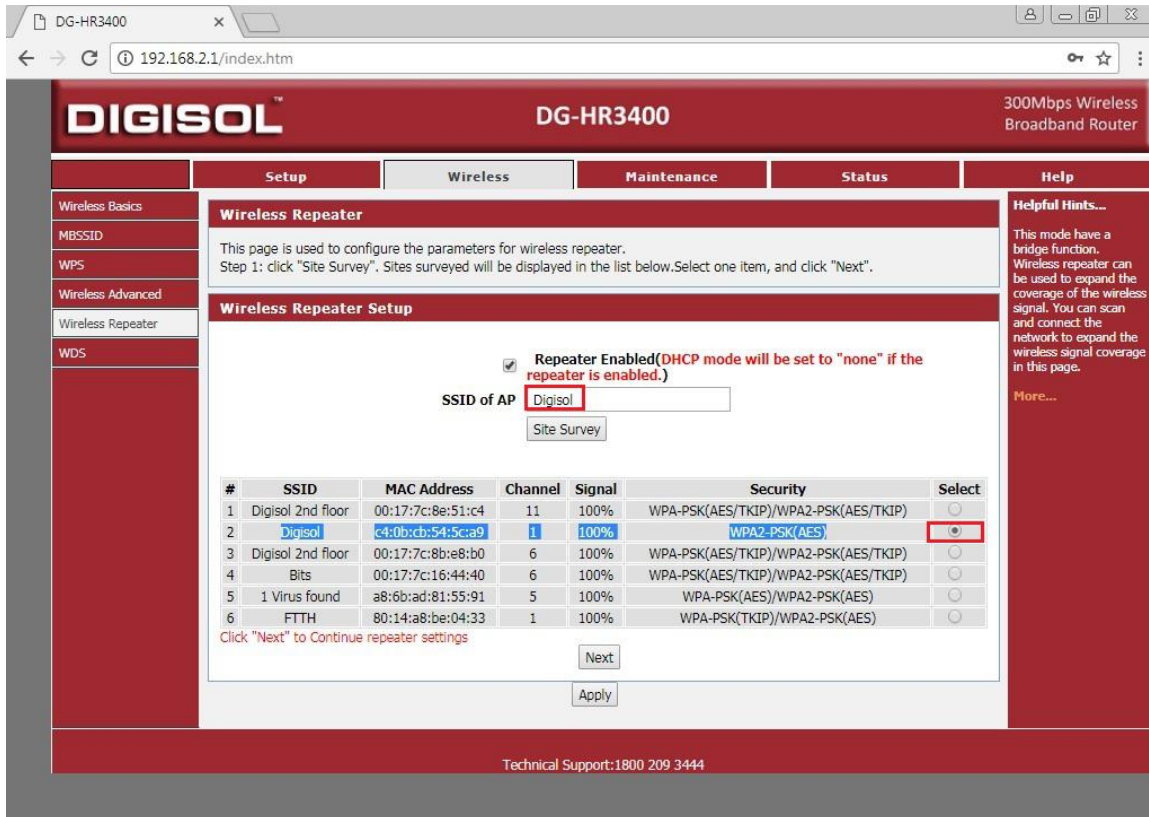
Wireless card (192.168.2.x) of your PC through which you are connecting to the router DG-HR3400.



Also, make sure that your network address does not conflict with the DG-HR3400. If your existing wireless network has 192.168.2.1 IP assigned in your network it is recommended to change the IP of DG-HR3400 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-HR3400) 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.



DIGISOL™ DG-HR3400 300Mbps Wireless Broadband Router

Setup Wireless Maintenance Status Help

Wireless Basics  
MBSSID  
WPS  
Wireless Advanced  
Wireless Repeater  
WDS

**Wireless Repeater**

This page is used to configure the parameters for wireless repeater.  
Step 1: click "Site Survey". Sites surveyed will be displayed in the list below. Select one item, and click "Next".

**Wireless Repeater Setup**

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

SSID of AP

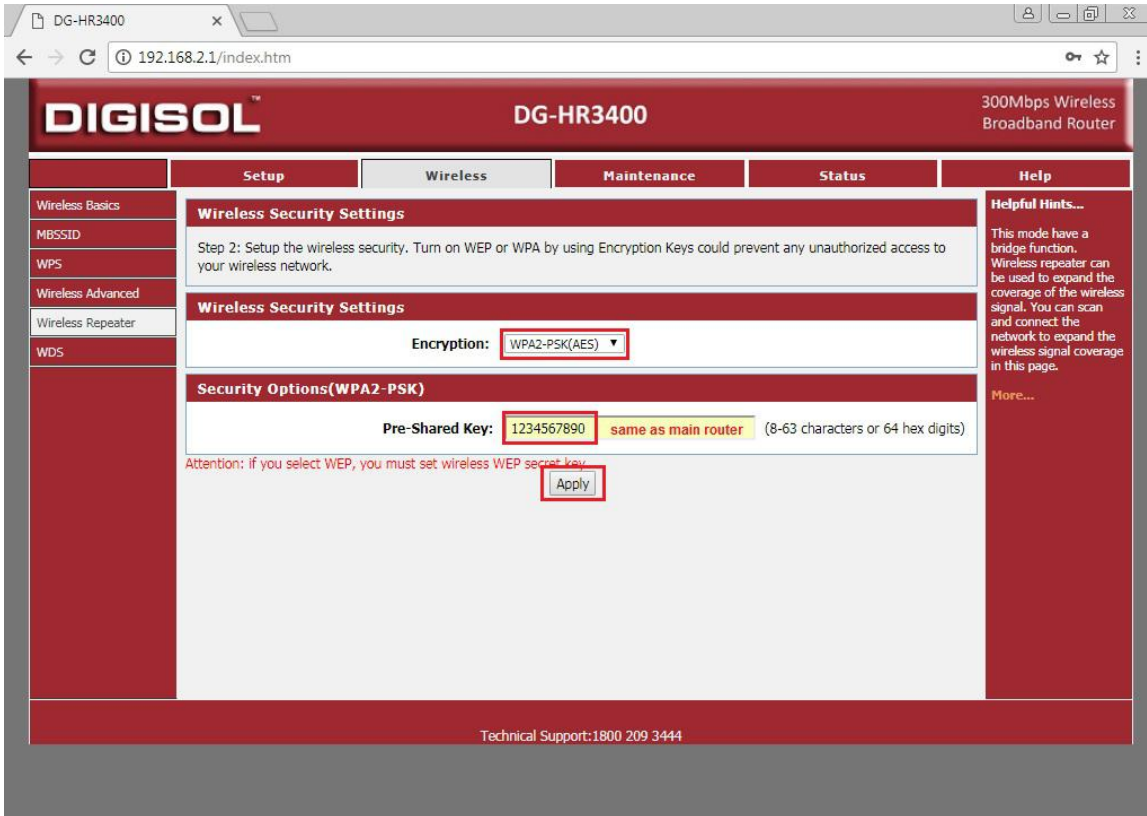
#	SSID	MAC Address	Channel	Signal	Security	Select
1	Digisol 2nd floor	00:17:7c:8e:51:c4	11	100%	WPA-PSK(AES/TKIP)/WPA2-PSK(AES/TKIP)	<input type="radio"/>
2	Digisol	c4:0b:cb:54:5c:a9	1	100%	WPA2-PSK(AES)	<input checked="" type="radio"/>
3	Digisol 2nd floor	00:17:7c:8b:a8:b0	6	100%	WPA-PSK(AES/TKIP)/WPA2-PSK(AES/TKIP)	<input type="radio"/>
4	Bits	00:17:7c:16:44:40	6	100%	WPA-PSK(AES/TKIP)/WPA2-PSK(AES/TKIP)	<input type="radio"/>
5	1 Virus found	a8:6b:ad:81:55:91	5	100%	WPA-PSK(AES)/WPA2-PSK(AES)	<input type="radio"/>
6	FTTH	80:14:a8:be:04:33	1	100%	WPA-PSK(TKIP)/WPA2-PSK(AES)	<input type="radio"/>

Click "Next" to Continue repeater settings

Technical Support:1800 209 3444

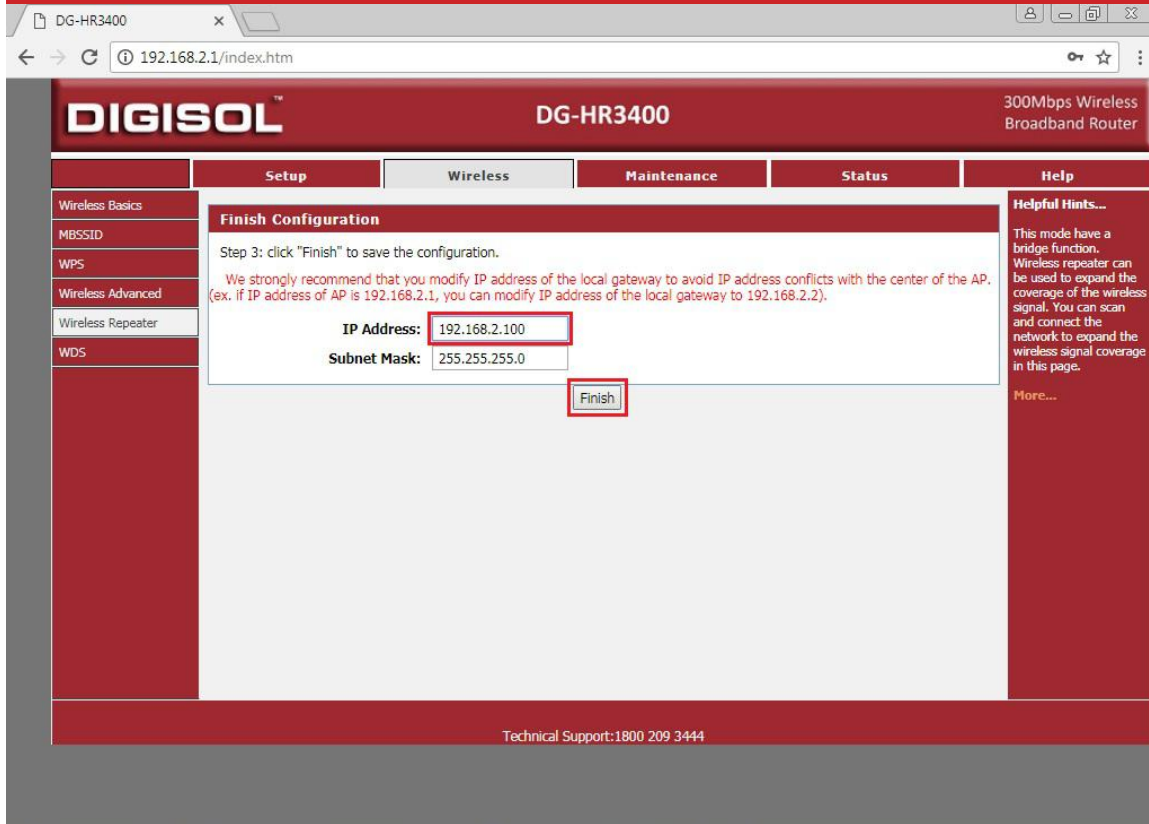
**Helpful Hints...**  
This mode have a bridge function. Wireless repeater can be used to expand the coverage of the wireless signal. You can scan and connect the network to expand the wireless signal coverage in this page.  
More...

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.



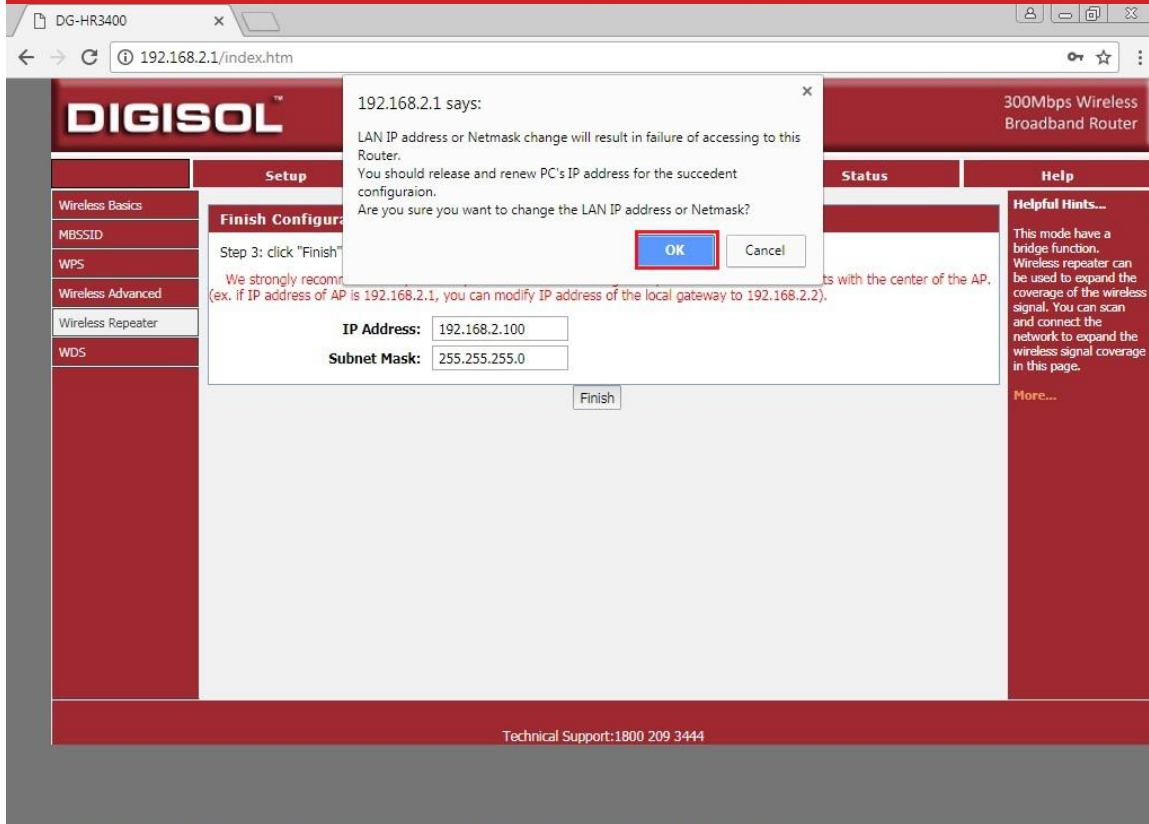
The screenshot shows a web browser window with the address bar displaying "192.168.2.1/index.htm". The page title is "DIGISOL™ DG-HR3400 300Mbps Wireless Broadband Router". The navigation menu includes "Setup", "Wireless", "Maintenance", "Status", and "Help". The "Wireless" tab is active, and the "Wireless Security Settings" section is expanded. The "Encryption" dropdown is set to "WPA2-PSK(AES)". The "Pre-Shared Key" field contains "1234567890" with a note "same as main router" and "(8-63 characters or 64 hex digits)". An "Apply" button is visible below the key field. A "Helpful Hints..." section on the right provides additional information about the bridge function and wireless repeater. The footer of the page displays "Technical Support: 1800 209 3444".

Now click [Finish](#) button. We would recommend you to modify the IP address of your DG-HR3400 in the range of your main AP (router). For example, if the IP address of the main AP is [192.168.2.1](#), then you can modify the IP address of the DG-HR3400 to [192.168.2.100](#) as shown in the below screen.



The screenshot shows a web browser window with the address bar displaying "192.168.2.1/index.htm". The page title is "DIGISOL™ DG-HR3400 300Mbps Wireless Broadband Router". The navigation menu includes "Setup", "Wireless", "Maintenance", "Status", and "Help". The "Wireless" tab is active, and the "Finish Configuration" section is displayed. The instructions state: "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)." The form shows "IP Address: 192.168.2.100" and "Subnet Mask: 255.255.255.0". A "Finish" button is located below the form. A "Helpful Hints..." section on the right provides additional information about bridge function and wireless repeater usage. The footer contains "Technical Support:1800 209 3444".

Click on [OK](#) to continue.



The screenshot shows a web browser window at the address 192.168.2.1/index.htm. The page title is "300Mbps Wireless Broadband Router". A modal dialog box is displayed in the center, titled "192.168.2.1 says:". The dialog contains the following text: "LAN IP address or Netmask change will result in failure of accessing to this Router. You should release and renew PC's IP address for the succedent configuraion. Are you sure you want to change the LAN IP address or Netmask?". Below the text are two buttons: "OK" and "Cancel". The background page shows a navigation menu on the left with options like "Wireless Basics", "MBSID", "WPS", "Wireless Advanced", "Wireless Repeater", and "WDS". A "Finish" button is visible at the bottom of the configuration area. At the bottom of the page, there is a footer that reads "Technical Support:1800 209 3444".

### 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-HR3400 as shown below. The SSID and Security key for the Repeater Device DG-HR3400 can be kept same as the main AP or it can be different. Click on [Apply](#).

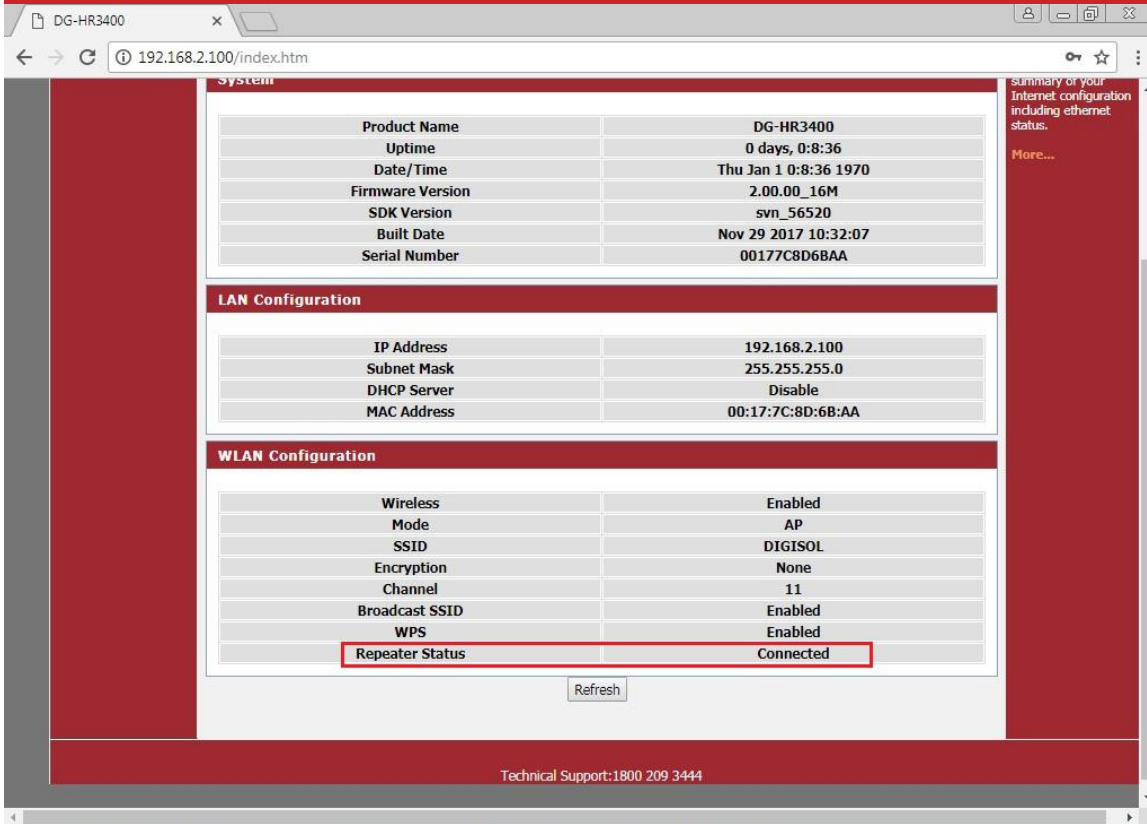






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Now Go to [Maintenance](#) tab and click [Reboot](#) button to reboot the device.



The screenshot shows the web interface of a DIGISOL DG-HR3400 device. The browser address bar shows the URL 192.168.2.100/index.htm. The interface is divided into three main sections: System, LAN Configuration, and WLAN Configuration. The System section displays various device details. The LAN Configuration section shows network settings. The WLAN Configuration section shows wireless settings, with the Repeater Status highlighted as Connected. A Refresh button is located below the WLAN Configuration table. A sidebar on the right contains a link to 'summary of your Internet configuration including ethernet status' and a 'More...' link. The footer of the interface displays 'Technical Support:1800 209 3444'.

System	
Product Name	DG-HR3400
Uptime	0 days, 0:8:36
Date/Time	Thu Jan 1 0:8:36 1970
Firmware Version	2.00.00_16M
SDK Version	svn_56520
Built Date	Nov 29 2017 10:32:07
Serial Number	00177C8D6BAA

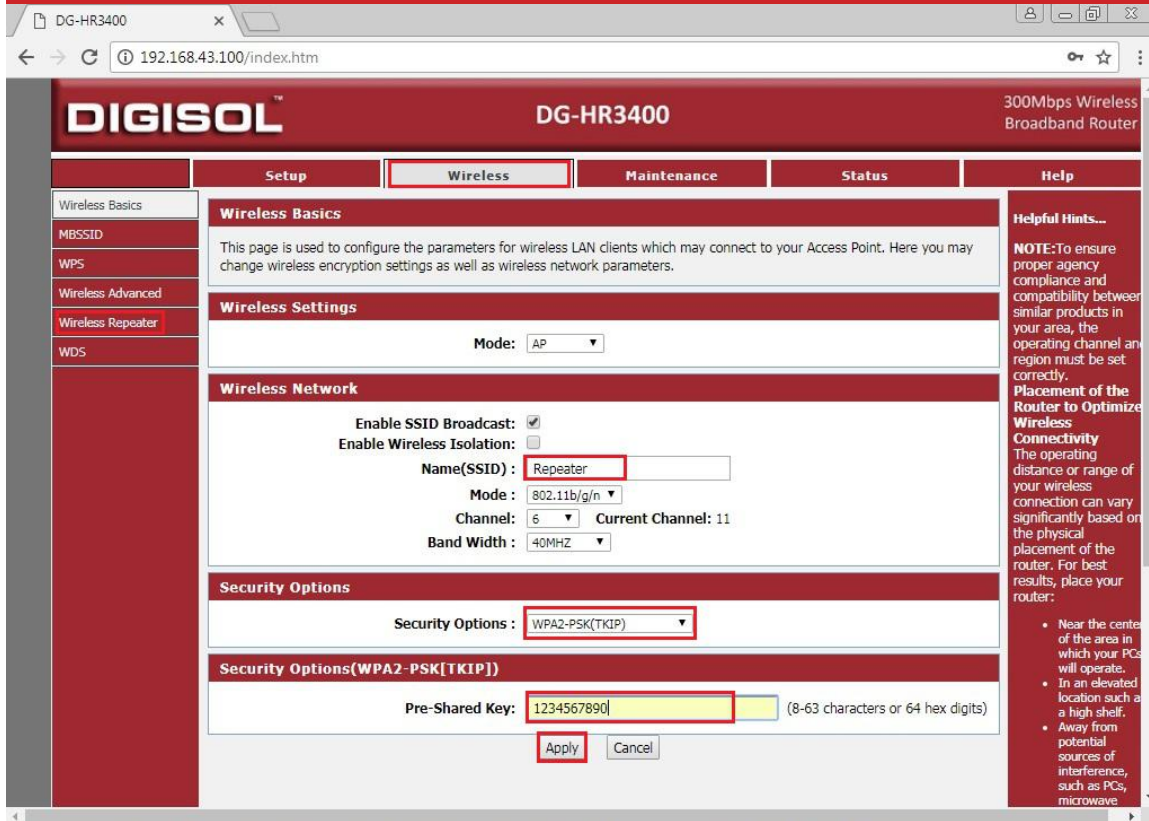
LAN Configuration	
IP Address	192.168.2.100
Subnet Mask	255.255.255.0
DHCP Server	Disable
MAC Address	00:17:7C:8D:6B:AA

WLAN Configuration	
Wireless	Enabled
Mode	AP
SSID	DIGISOL
Encryption	None
Channel	11
Broadcast SSID	Enabled
WPS	Enabled
Repeater Status	Connected

Refresh

Technical Support:1800 209 3444

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.



DIGISOL™ DG-HR3400 300Mbps Wireless Broadband Router

Setup Wireless Maintenance Status Help

Wireless Basics

**Wireless Basics**

This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters.

**Wireless Settings**

Mode: AP

**Wireless Network**

Enable SSID Broadcast:   
Enable Wireless Isolation:

Name(SSID): Repeater  
Mode: 802.11b/g/n  
Channel: 6 Current Channel: 11  
Band Width: 40MHZ

**Security Options**

Security Options: WPA2-PSK(TKIP)

**Security Options(WPA2-PSK(TKIP))**

Pre-Shared Key: 1234567890 (8-63 characters or 64 hex digits)

Apply Cancel

**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.

The Repeater Setup is completed Congratulations!!