



**VigorPro 100**  
**Unified Security Firewall**  
**Quick Start Guide**

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## Copyright Information

### Copyright Declarations

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## Safety Instructions and Approval

### Safety Instructions

- Read the installation guide thoroughly before you set up the router.
- The router is a complicated electronic unit that may be repaired only by authorized and qualified personnel. Do not try to open or repair the router yourself.
- Do not place the router in a damp or humid place, e.g. a bathroom.
- Do not stack the routers.
- The router should be used in a sheltered area, within a temperature range of +5 to +40 Celsius.
- Do not expose the router to direct sunlight or other heat sources. The housing and electronic components may be damaged by direct sunlight or heat sources.
- Do not deploy the cable for LAN connection outdoor to prevent electronic shock hazards.
- Keep the package out of reach of children.
- When you want to dispose of the router, please follow local regulations on conservation of the environment.

### Warranty

We warrant to the original end user (purchaser) that the router will be free from any defects in workmanship or materials for a period of two (2) years from the date of purchase from the dealer. Please keep your purchase receipt in a safe place as it serves as proof of date of purchase. During the warranty period, and upon proof of purchase, should the product have indications of failure due to faulty workmanship and/or materials, we will, at our discretion, repair or replace the defective products or components, without charge for either parts or labor, to whatever extent we deem necessary to restore the product to proper operating condition. Any replacement will consist of a new or re-manufactured functionally equivalent product of equal value, and will be offered solely at our discretion. This warranty will not apply if the product is modified, misused, tampered with, damaged by an act of God, or subjected to abnormal working conditions. The warranty does not cover the bundled or licensed software of other vendors. Defects which do not significantly affect the usability of the product will not be covered by the warranty. We reserve the right to revise the manual and online documentation and to make changes from time to time in the contents hereof without obligation to notify any person of such revision or changes.

### Be a Registered Owner

Web registration is preferred. You can register your Vigor router via <http://www.draytek.com>. Alternatively, fill in the registration card and mail it to the address found on the reverse side of the card.

### Firmware & Tools Updates

Please consult the DrayTek web site for more information on newest firmware, tools and documents.

<http://www.draytek.com>



Parts of the anti-virus features are powered by Kaspersky Lab ZAO. For more detailed information, please refer to <http://www.ksapersky.com>.

## European Community Declarations

Manufacturer: DrayTek Corp.  
Address: No. 26, Fu Shing Road, HuKou County, HsinChu Industrial Park, Hsin-Chu, Taiwan 303  
Product: VigorPro 100

DrayTek Corp. declares that VigorPro 100 is in compliance with the following essential requirements and other relevant provisions of R&TTE Directive 1999/5/EEC.

The product conforms to the requirements of Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC by complying with the requirements set forth in EN55022/Class B and EN55024/Class B.

The product conforms to the requirements of Low Voltage (LVD) Directive 73/23/EEC by complying with the requirements set forth in EN60950.

## Regulatory Information

### Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the use is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device may accept any interference received, including interference that may cause undesired operation.

### Taiwanese BSMI (Bureau of Standards, Metrology and Inspection) A Warning:

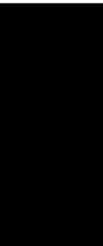
Warning: This device might cause interference of radio frequency under the environment of dwelling. In such condition, the users might be asked to adopt some proper strategies.

Please visit [www.draytek.com/contact\\_us/WEEE.php](http://www.draytek.com/contact_us/WEEE.php).



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# 1. Introduction

The VigorPro 100 is an all-in-one **Anti-Virus and Anti-Intrusion security appliance** for SOHO and branch office. The VigorPro 100 provides real-time network protection against viruses, worms and malicious programs via e-mail, FTP and web browser. The rule-based website content filtering blocks improper connection to internet in flexible way. With DrayTek's DrayOS™ as kernel, VigorPro 100 provides robust and stable VPN, firewall and routing functionality as well.

Unlike legacy proxy-based anti-virus anti-intrusion solution, which stores data in files format prior to scan the content in streaming, the VigorPro 100 equips with hardware-based scan engine. VigorPro 100 scans packet stream go through it in real-time before those specious content get into the network without performance downgrade. Thus provides a protection of whole network against any intrusion and malicious program in real-time.

DrayTek provides customer free access to the latest virus/hacker signature for and information update for a period of time. Considering customer's needs to minimize supporting effort, DrayTek support team also provides "PUSH" service so the VigorPro 100 automatically get the latest signature updated from DrayTek's server. The VigorPro 100 family provides all-in-one function for option: printer server service is available for customer's alternative. The all-in-one design makes network management simple and easy.

## Features for VigorPro 100

- Easy Internet-sharing of your broadband connection
- Unified Security Firewall to help protect your network from external viruses and intrusions
- Real-time virus/intrusion signature scanning with hardware-based scan engine to protect your network

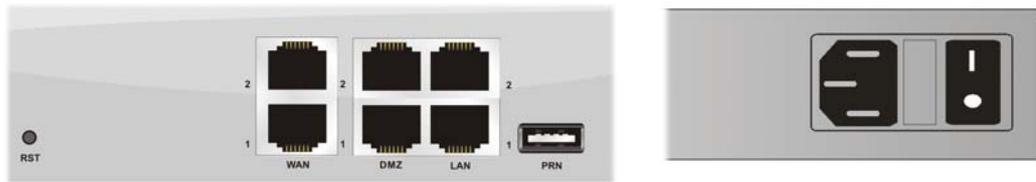
## 1.1 Panel Explanation

### 1.1.1 LED Description



LED	Status	Explanation	
ACT (Activity)	On/Blinking	The router is powered on and running normally.	
	Off	The router is powered off.	
Virus	On	The anti-virus function is enabled.	
IDP (Intrusion Detection and Prevention)	On	The anti-intrusion function is enabled.	
VPN	On	The VPN tunnel is launched.	
	Off	The VPN tunnel is closed.	
QoS	On	The QoS function is active.	
	Off	The QoS function is inactive.	
PRN	On	The USB interface printer is ready.	
	Off	There is no printer connected.	
LAN(1, 2)	LNK	On	The Ethernet link is established on corresponding port.
		Off	No Ethernet link is established.
	100	On	It means that a normal 100 Mbps connection is through its corresponding port.
		Off	It means that a normal 10 Mbps connection is through its corresponding port.
	FDX	On	It means a full duplex connection on corresponding port.
		Off	It means a half duplex connection on corresponding port.
WAN/DMZ (1, 2)	LNK	On	The Ethernet link is established.
		Blinking	The data transmission is done through the corresponding port.
		Off	No Ethernet link is established.
	100	On	It means that a normal 100Mbps connection is through its corresponding port.
		Off	It means that a normal 10Mbps connection is through its corresponding port.
	FDX	On	It means a full duplex connection on corresponding port.
		Off	It means a half duplex connection on corresponding port.

## 1.1.2 Connector Description

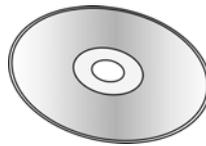


Interface	Description
RST	Restore the default settings. Usage: Turn on the router (ACT LED is blinking). Press the hole and keep for more than 5 seconds. When you see the ACT LED begins to blink rapidly than usual, release the button. Then the router will restart with the factory default configuration.
WAN (1/2)	Connector for remote networked devices.
DMZ (1/2)	Connector for remote networked devices.
LAN (1/2)	Connector for local networked devices.
PRN	Connector for a USB printer.
PWR	Connector for a power cord with 100-240VAC (inlet).
ON/OFF	Power Switch.

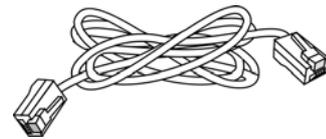
## 1.2 Package Content



**1** Quick Start Guide



**2** CD



**3** RJ-45 Cable (Ethernet)

**4** The type of the power cord depends on the country that the router will be installed:



**UK-type power cord**



**EU-type power cord**



**USA/Taiwan-type power cord**



**AU/NZ-type power cord**

\* The maximum power consumption is *12-15 Watt*.

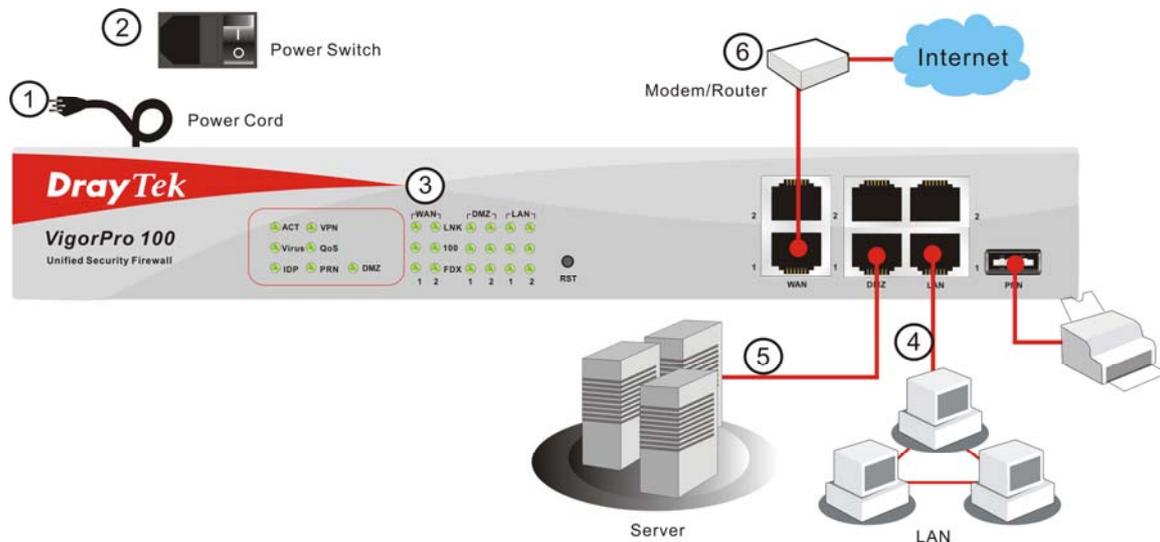
This page is left blank for remark if necessary.

## 2. Installing Your VigorPro 100 Router

This section will guide you to install the router through hardware connection and configure the router's settings through web browser.

Before starting to configure the router, you have to connect your devices correctly.

1. Connect the power cord to the router's power port on the rear panel, and the other side into a wall outlet.
2. Power on the device by pressing down the power switch on the rear panel.
3. The system starts to initiate. After completing the system test, the **ACT** LED will light up and start blinking.
4. Connect one end of an Ethernet cable (RJ-45) to one of the **LAN** ports of the router and the other end of the cable (RJ-45) into the Ethernet port on your computer (that device also can connect to other computers to form a small area network). The **LAN** LED will light up according to the network card feature (1 or 2) of the device that it connected.
5. Connect a server (depends on your requirement) to any WAN port of router with Ethernet cable (RJ-45). The **DMZ** LED (down) will light up according to the network card feature (1 or 2) of the device that it connected.
6. Connect a modem/router (depends on your requirement) to any WAN port of router with Ethernet cable (RJ-45). The **WAN1** LED (down) will light up according to the network card feature (1 or 2) of the device that it connected.



(For the detailed information of LED status, please refer to section 1.1.)

This page is left blank for remark if necessary.

### 3. Configuring Web Pages

The **Quick Start Wizard** is designed for you to easily set up your router for Internet access. You can directly access the **Quick Start Wizard** via Web Configurator.

1. Make sure your PC connects to the router correctly.



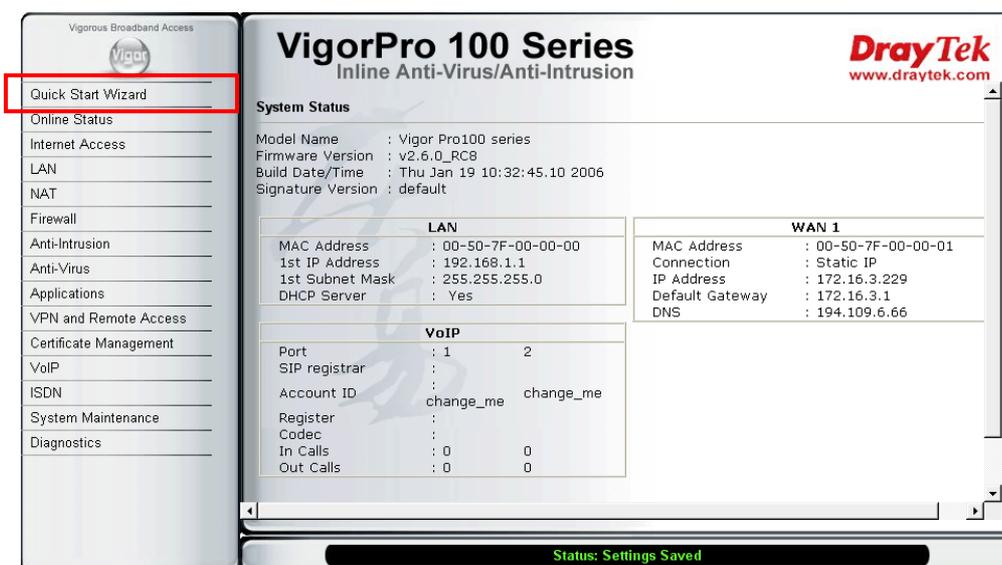
Notice: You may either simply set up your computer to get IP dynamically from the router or set up the IP address of the computer to be the same subnet as **the default IP address of Vigor router 192.168.1.1**. For the detailed information, please refer to the later section - Trouble Shooting of the guide.

2. Open a web browser on your PC and type **http://192.168.1.1**. A pop-up window will open to ask for username and password. Do not type any word on the window and click **OK** for next screen.



Notice: If you fail to access to the web configuration, please go to “Trouble Shooting” for detecting and solving your problem.

3. Now, the **Main Screen** will pop up. Click **Quick Start Wizard**.



4. Enter the login password on the field of **New Password** and retype it on the field of **Retype New Password**. Then click **Next** to continue.

**Quick Start Wizard**

<p><b>Steps</b></p> <ol style="list-style-type: none"> <li><b>1. Enter login password</b></li> <li>Select Time Zone</li> <li>Connect to the Internet</li> <li>Summary</li> </ol>	<p><b>Enter login password</b></p> <p>There is no default password. For security, please choose a set of number or character (maximum 23 characters) as your <b>password</b> and enter it into the Password box.</p> <p>New Password <input type="password"/></p> <p>Retype New Password <input type="password"/></p>
--	---

5. Select the time zone for the router located. Then click **Next**.

**Quick Start Wizard**

<p><b>Steps</b></p> <ol style="list-style-type: none"> <li>Enter login password</li> <li><b>2. Select Time Zone</b></li> <li>Connect to the Internet</li> <li>Summary</li> </ol>	<p><b>Select Time Zone</b></p> <p>Select the appropriate time zone for your location.</p> <p>(GMT) Greenwich Mean Time : Dublin <input type="button" value="v"/></p>
--	--

6. On the next page as shown below, please select the appropriate Internet access type (PPPoE, PPTP, Static IP, DHCP) according to the information from your ISP. Then click **Next** for next step.

**Quick Start Wizard**

<p><b>Steps</b></p> <ol style="list-style-type: none"> <li>Enter login password</li> <li>Select Time Zone</li> <li><b>3. Connect to the Internet</b></li> <li>Summary</li> </ol>	<p><b>Connect to the Internet</b></p> <p>Select one of the following Internet Access type provided by your ISP. If you are not sure which one you should choose, please contact your ISP to get these information in detail.</p> <p> <input checked="" type="radio"/> PPPoE  <input type="radio"/> PPTP  <input type="radio"/> Static IP  <input type="radio"/> DHCP         </p>
--	---

**PPPoE:** if you click PPPoE as the protocol, please manually enter the Username/Password provided by your ISP. Check **Always On** means Internet access is always on regardless of Internet usage. Then click **Next**.

**Quick Start Wizard**

**Steps**

1. Enter login password
2. Select Time Zone
- 3. Connect to the Internet - PPPoE**
4. Summary

**Connect to the Internet**

Enter the user name and password provided by your ISP.

User Name

Password

Retype Password

Connection Type

Always On

Dial On Demand

Idle Timeout

< Back   Next >   Finish   Cancel

**PPTP:** if you click PPTP, you will get the following page. Please type in all the information originally provided by your ISP. Then click **Next** for next step.

**Quick Start Wizard**

**Steps**

1. Enter login password
2. Select Time Zone
- 3. Connect to the Internet - PPTP**
4. Summary

**Connect to the Internet**

Enter the user name, password, WAN IP configurations and PPTP server IP provided by your ISP.

User Name

Password

Retype Password

**WAN IP Configurations**

Obtain an IP address automatically

Specify an IP address

IP Address

Subnet Mask

PPTP Server IP

< Back   Next >   Finish   Cancel

**Static IP:** if you click Static IP, you will get the following page. Please type in all the information originally provided by your ISP. Then click **Next** for next step.

**Quick Start Wizard**

**Steps**

1. Enter login password
2. Select Time Zone
- 3. Connect to the Internet - Static IP**
4. Summary

**Connect to the Internet**

Enter the Static IP configuration provided by your ISP.

WAN IP

Subnet Mask

Gateway

Primary DNS

Secondary DNS (optional)

< Back   Next >   Finish   Cancel

**DHCP:** if you click DHCP, you will get the following page. Please type in all the information originally provided by your ISP. Then click **Next** for next step.

**Quick Start Wizard**

Steps	Connect to the Internet
1. Enter login password 2. Select Time Zone <b>3. Connect to the Internet - DHCP</b> 4. Summary	If your ISP require you to enter a specific host name or specific MAC address, please enter it in. The <b>Clone MAC Address</b> button is used to copy the MAC address of your Ethernet adapter to the Vigor Pro200. Host Name <input type="text"/> (optional) MAC <input type="text" value="00"/> <input type="text" value="-50"/> <input type="text" value="-7F"/> <input type="text" value="-31"/> <input type="text" value="-52"/> <input type="text" value="-BE"/> (optional) <input type="button" value="Clone MAC Address"/>

7. Now you can see the following screen. It indicates that the setup is complete. Different types of connection modes will have different summary. Click **Finish** and then restart the router. Afterward, you will enjoy surfing on the Internet.

**Quick Start Wizard**

Steps	Summary
1. Enter login password 2. Select Time Zone 3. Connect to the Internet <b>4. Summary</b>	Please find your settings : Internet Access : DHCP Time Zone : (GMT) Greenwich Mean Time : Dublin  Click <b>Back</b> to modify changes if necessary. Otherwise, click <b>Finish</b> to save the current settings and restart the Vigor Pro200.

## 4. Registration for the Router

Now you can surf on Internet freely. It is time to continue the registration and activation of your router for using the functions of anti-intrusion and anti-virus.

To use the anti-intrusion and anti-virus features of VigorPro series router, you have to create a new account, finish the registration for that account by using the router and complete the registration for the Vigor router. After finishing the registration of the router, you can download the newly update types and rules of anti-intrusion and anti-virus in the future.

There are two ways to create and activate new account. One is created by accessing [www.vigorpro.com](http://www.vigorpro.com) (refer to section 4.1), the other is from router's web configurator (refer to section 4.2).

After activating the new account, you have to register your router from router's web configurator (refer to section 4.3). Follow the steps listed below to finish the registration and activation.

### 4.1 Creating and Activating an Account from VigorPro Company Website

To activate anti-virus/anti-intrusion function, you need to register an account on [www.vigorpro.com](http://www.vigorpro.com) firstly. Please follow the steps below to create a new account.

1. Open your browser with URL: **www.vigorpro.com**. Find the line of **Not registered yet?**. Then, click the link **Click here!** to access into next page.

The screenshot displays the VigorPro website interface. On the left is a red navigation menu with links: Home, About Us, Product, My Information, Security Information, Downloads, Support, Submit Virus Sample, and Close. The main content area features a 'Unified Security Firewall' banner with a woman working on a laptop. Below this is a 'SECURITY INFORMATION' section listing several security alerts with severity indicators (low to high) and 'More Attack' and 'More Viruses' links. On the right, there is a 'LOGIN' form with fields for Username, Password, and AuthCode, a CAPTCHA image 'mFF4', and a 'Login' button. Below the login form is a 'Contact DrayTek' section with a red-bordered button that says 'Not registered yet? Click here!'. At the bottom right, there is a 'SECURITY NEWS' section with several news items dated from May 04, 2006, to May 10, 2006.

2. Check to confirm that you accept the Agreement and click **Accept**.

**Register**

Complete steps below to create your own account.

Fields marked by (\*) are required

- 1
- Agreement**
- 2
- Personal Information
- 3
- Preferences
- 4
- Completion

===== VigorPro Agreement =====

1. Agreement

DrayTek provides VigorPro(www.vigorpro.com) service according to this agreement. When you use vigorpro service, it means that you have read, understand and agree to accept the items listed in this agreement. Draytek can modify or change the content of the items without any reasons. It is suggested for you to notice the modifications or changes at any time. If you still use vigorpro service after knowing the modifications and changes of this service, it means you have read, understand and agree to accept the modifications and changes. If you do not agree the content of this agreement, please stop using vigorpro service.

2. Registration

To use this service, you have to agree the following conditions:

(a) Provide your complete and correct information according to the registration steps of this service.

(b) If you provide any incorrect or fake information here, DrayTek has the right to pause or terminate

I have read and understand the above Agreement. (Use the scroll bar to view the entire agreement)

<< Back
Accept >>

3. Type your personal information in this page and then click **Continue**.

**Register**

Complete steps below to create your own account.

Fields marked by (\*) are required

- 1
- Agreement
- 2
- Personal Information**
- 3
- Preferences
- 4
- Completion

**Account Information**

UserName:\*  Check Account  
(3-20 characters)

Password:\*   
(4-20 characters)

Confirm Password:\*

**Personal Information**

First Name:\*

Last Name:\*

Company Name:

Email Address:\*   
Fields marked by (\*) are required

Tel:  -

Country:\*

Career:\*

<< Back
Continue >>

4. Choose proper selection for your computer and click **Continue**.

**Register**

---

Complete steps below to create your own account.

1 <sup>st</sup> Agreement	How did you find out about this website?	Friends
2 <sup>nd</sup> Personal Information	What kind of antivirus do you use?	Nod32
3 <sup>rd</sup> Preferences	I would like to subscribe to the vigorpro e-letter.	<input checked="" type="checkbox"/>
4 <sup>th</sup> Completion	I would like to receive DrayTek product news.	<input checked="" type="checkbox"/>

5. Now you have created an account successfully.

**Register**

---

Complete steps below to create your own account.

1 <sup>st</sup> Agreement	<p><b>Completion</b></p> <p>A confirmation email has been sent to <b>carrie_mi@draytek.com</b> Please click on the activation link in the email to activate your account</p> <p><b>START</b></p>
2 <sup>nd</sup> Personal Information	
3 <sup>rd</sup> Preferences	
4 <sup>th</sup> Completion	

6. Check to see the confirmation email with the title of **New Account Confirmation Letter from www.vigorpro.com**.

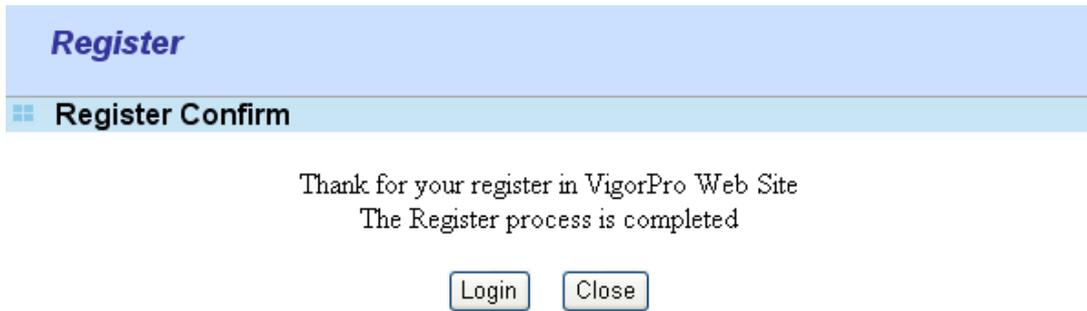
\*\*\*\*\* This is an automated message from www.vigorpro.com. \*\*\*\*\*

Thank you ( **carrie** ) for creating an account.

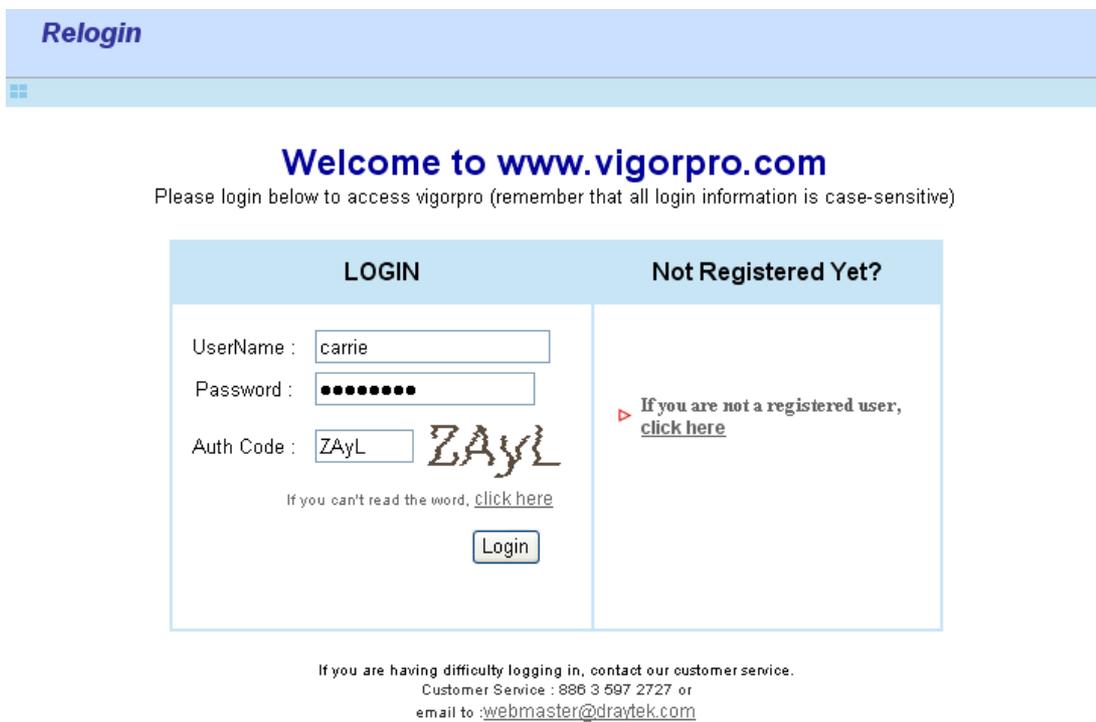
Please click on the activation link below to activate your account

Link : [Activate my Account](#)

7. Click the **Activate my Account** link to enable the account that you created. The following screen will be shown to verify the register process is finished. Please click **Login**.



8. When you see the following page, please type in new account and new password in the fields of **UserName** and **Password**. Then type the code in the box of AuthCode according to the value displayed on the right side of it.

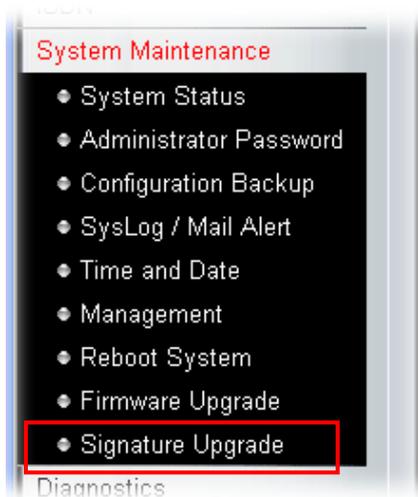


9. Now, click **Login**. Your account has been activated.

## 4.2 Creating and Activating an Account from Router Web Configurator

You, also can created and register a new account from the web configurator of the VigorPro router.

1. Open a web browser on your PC and type **http://192.168.1.1**. A pop-up window will open to ask for username and password. Do not type any word on the window and click **OK**.
2. From the router's web page, please open **System Maintenance >>Signature Upgrade**. You will see the following web page.



3. Click the **Activate** link from the **Signature Upgrade** web page.

System Maintenance >> Signature Upgrade

---

License [Status : Not Activated ]

Service Activation

---

Signature Upgrade Setting [ Signature Version : basic ]

Setup upgrade server  [query server](#)

Signature authentication/download message:

---

Upgrade Manually

---

Upgrade Automatically

Scheduled Update

Every:  (hour)  (minutes after the hour)

Daily:  (hour)  (minute)

Weekly:  (day)  (hour)  (minute)

4. A **Relogin** page will be shown on the screen.

**Relogin**

**Welcome to www.vigorpro.com**

Please login below to access vigorpro (remember that all login information is case-sensitive)

LOGIN	Not Registered Yet?
UserName : <input type="text"/> Password : <input type="password"/> Auth Code : <input type="text"/>  If you can't read the word, <a href="#">click here</a> <input type="button" value="Login"/>	<p>▶ If you are not a registered user, <a href="#">click here</a></p>

If you are having difficulty logging in, contact our customer service.  
Customer Service : 886 3 697 2727 or  
email to :[webmaster@draytek.com](mailto:webmaster@draytek.com)

5. On the right column of **Not Registered Yet?**, click the **Click here** link. You will access into the following page. Check the box below to confirm that you accept the Agreement and click **Accept**.

**Register**

**Complete steps below to create your own account.**

Fields marked by (\*) are required

1 Agreement	VigorPro Agreement
2 Personal Information	1. Agreement DrayTek provides VigoPro(www.vigorpro.com) service according to this agreement. When you use vigorpro service, it means that you have read, understand and agree to accept the items listed in this agreement. Draytek can modify or change the content of the items without any reasons. It is suggested for you to notice the medications or changes at any time. If you still use vigorpro service after knowing the modifications and changes of this service, it means you have read, understand and agree to accept the modifications and changes. If you do not agree the content of this agreement, please stop using vigorpro service.
3 Preferences	2. Registration To use this service, you have to agree the following conditions: (a) Provide your complete and correct information according to the registration steps of this service. (b) If you provide any incorrect or fake information here, DrayTek has the right to pause or terminate
4 Completion	<input type="checkbox"/> I have read and understand the above Agreement. (Use the scroll bar to view the entire agreement)

6. Type your personal information in this page and then click **Continue**.

**Register**

Complete steps below to create your own account.

Fields marked by (\*) are required

**1 Agreement**

**2 Personal Information**

**3 Preferences**

**4 Completion**

**Account Information**

UserName:\*    
(3-20 characters)

Password:\*   
(4-20 characters)

Confirm Password:\*

**Personal Information**

First Name:\*

Last Name:\*

Company Name:

Email Address:\*   
Fields marked by (\*) are required

Tel:  -

Country:\*

Career:\*

7. Choose proper selection for your computer and click **Continue**.

**Register**

Complete steps below to create your own account.

**1 Agreement**

**2 Personal Information**

**3 Preferences**

**4 Completion**

How did you find out about this website?

What kind of antivirus do you use?

I would like to subscribe to the vigorpro e-letter.

I would like to receive DrayTek product news.

8. Now you have created an account successfully.



Complete steps below to create your own account.

1 Agreement

2 Personal Information

3 Preferences

4 Completion



9. Check to see the confirmation email with the title of **New Account Confirmation Letter from www.vigorpro.com**.

\*\*\*\*\* This is an automated message from www.vigorpro.com. \*\*\*\*\*

Thank you ( **carrie** ) for creating an account.

Please click on the activation link below to activate your account

Link : [Activate my Account](#)

10. Click the **Activate my Account** link to enable the account that you created. The following screen will be shown to verify the register process is finished. Please click **Login**.



Thank for your register in VigorPro Web Site  
The Register process is completed

Login

Close

- When you see the following page, please type in new account and new password in the fields of **UserName** and **Password**. Then type the code in the box of **AuthCode** according to the value displayed on the right side of it.

**Relogin**

---

**Welcome to www.vigorpro.com**

Please login below to access vigorpro (remember that all login information is case-sensitive)

LOGIN	Not Registered Yet?
<div style="border: 2px solid red; padding: 5px;">           UserName : <input type="text" value="carrie"/>            Password : <input type="password" value="••••••"/>            Auth Code : <input type="text" value="ZAyL"/> <b>ZAYL</b> </div> <p style="text-align: center; font-size: small;">If you can't read the word, <a href="#">click here</a></p> <p style="text-align: center;"><input type="button" value="Login"/></p>	<p>▶ If you are not a registered user, <a href="#">click here</a></p>

If you are having difficulty logging in, contact our customer service.  
Customer Service : 888 3 597 2727 or  
email to : [webmaster@draytek.com](mailto:webmaster@draytek.com)

- Now, click **Login**. Your account has been activated. And the following page will be shown automatically.

**My Information**

---

**Device Registration**

**Welcome, carrie**

**Last Login Time** : 2006-03-21 17:08:25

**Last Login From** : 218.174.234.195

**Current Login Time** : 2006-03-21 17:13:51

**Current Login From** : 218.174.234.195

RowNo :  PageNo :

Your product is successfully registered with the new account. Please register for your vigor router in advance.

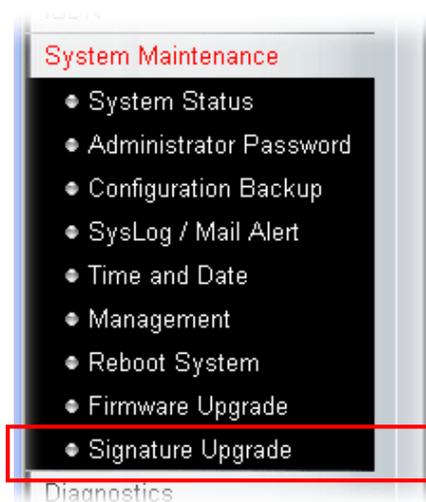


DrayTek will maintain a database of MAC address/serial number of shipped goods. Only products with shipping records can be registered. If your VigorPro 100 cannot hook up to your account, please contact your reseller or DrayTek's technical support.

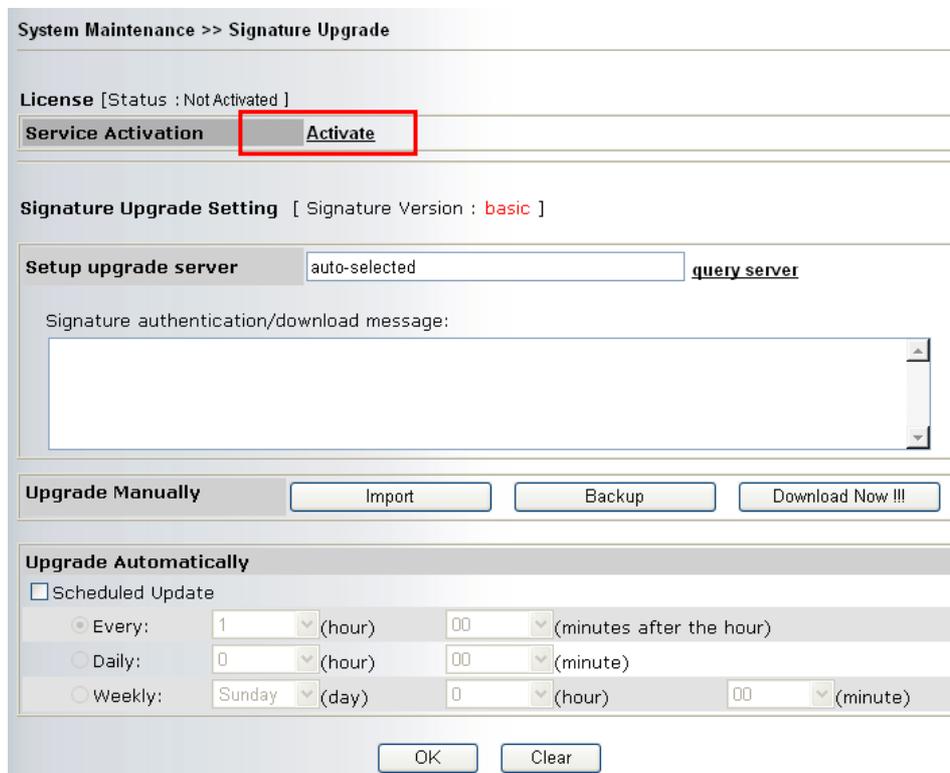
## 4.3 Registering Your Vigor Router

You have activated the new account for the router. Now, it is the time for you to register your vigor router.

1. Open a web browser on your PC and type **http://192.168.1.1**. A pop-up window will open to ask for username and password. Do not type any word on the window and click **OK**.
2. From the router's web page, please open **System Maintenance >>Signature Upgrade**. You will see the following web page.



3. Click the **Activate** link from the **Signature Upgrade** web page.

A screenshot of the 'System Maintenance >> Signature Upgrade' web page. The page has a header 'System Maintenance >> Signature Upgrade'. Below it is a 'License [Status : Not Activated]' section with a 'Service Activation' sub-section containing an 'Activate' button highlighted with a red box. The 'Signature Upgrade Setting [Signature Version : basic]' section includes a 'Setup upgrade server' dropdown set to 'auto-selected' and a 'query server' link. Below this is a text area for 'Signature authentication/download message:'. The 'Upgrade Manually' section has buttons for 'Import', 'Backup', and 'Download Now !!!'. The 'Upgrade Automatically' section has a 'Scheduled Update' checkbox and radio buttons for 'Every', 'Daily', and 'Weekly' with corresponding time selection dropdowns. At the bottom are 'OK' and 'Clear' buttons.

4. A **ReLog** page will be shown on the screen. Please type new account and password that you created previously. And click **Login**.



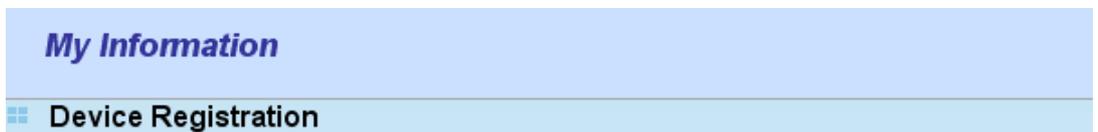
## Welcome to www.vigorpro.com

Please login below to access vigorpro (remember that all login information is case-sensitive)

LOGIN	Not Registered Yet?
<p>UserName : <input type="text" value="carrie"/></p> <p>Password : <input type="password" value="••••••"/></p> <p>Auth Code : <input type="text" value="ZAYL"/> </p> <p><small>If you can't read the word, <a href="#">click here</a></small></p> <p><input type="button" value="Login"/></p>	<p>▶ If you are not a registered user, <a href="#">click here</a></p>

If you are having difficulty logging in, contact our customer service.  
Customer Service : 886 3 597 2727 or  
email to : [webmaster@dravtek.com](mailto:webmaster@dravtek.com)

5. The following page will be displayed after you logging in VigorPro server. From this page, please click **Add**.



Welcome, **carrie**

Last Login Time : 2006-03-21 17:08:25

Last Login From : 218.174.234.195

Current Login Time : 2006-03-21 17:13:51

Current Login From : 218.174.234.195

RowNo :  PageNo :

- When the following page appears, please type in Nick Name (for the router) and choose the right purchase date from the popup calendar (it appears when you click on the box of Purchase Date).

**My Information**

**Device Add**

**Serial number:** 999999999990

**Nick Name:**

**Purchase Date:**



Wk	Mon	Tue	Wed	Thu	Fri	Sat	Sun
9			1	2	3	4	5
10	6	7	8	9	10	11	12
11	13	14	15	16	17	18	19
12	20	21	22	23	24	25	26
13	27	28	29	30	31		

Today is Tue, 21 Mar 2006

- After adding the basic information for the router, please click **Submit**.

**My Information**

**Device Add**

**Serial number:** 999999999990

**Nick Name:**

**Purchase Date:**

- Now, your router information has been added to the database. Click **OK** to leave this web page and return to **My Product** web page.

Your device has been successfully added to the database.



- On the web page of **My Product**, you can find a list of the devices that you add with the above steps. Currently, you just have added VigorPro 100. Please click the serial number link.

**My Information**

**Device Registration**

Welcome, **carrie**  
 Last Login Time : 2006-03-21 17:08:25  
 Last Login From : 218.174.234.195  
 Current Login Time : 2006-03-21 17:13:51  
 Current Login From : 218.174.234.195

RowNo : 1 PageNo : 0

**Your Devices**

Serial Number	Device Name	Model	Note
9999999999990	carrie	VigorPro 100	-

- From the **Device's Service** section, click the **Activate** button for AI-AV service.

**My Product**

**Device Information**

Nick Name : carrie  
 Serial : 9999999999990  
 Model : VigorPro 100

Rename Delete Reinstall Transfer Back

**Device's Service**

Service	Action	Status	Start Date	Expired Date	Provider	Note
AI-AV	Activate	-	-	-	-	-

- In the following page, please click the **DT-DT** or **DT-KL** radio button. In this example, DT-KL is selected.

**Try our AV-AI application 15 Months free of charge** Cancel

**STEP 1**  
 Service Provider:  DT-DT What is DT-DT / DT-KL ?  DT-KL

**STEP 2**  
 Join !!! Join the [Draytek promotion plan](#)

**STEP 3**

PDF License Agreement PDF Format

DrayTek VigorPro Series End-User License Agreement

IMPORTANT :

DrayTek IS WILLING TO LICENSE THE ENCLOSED SOFTWARE TO YOU ONLY UPON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS CONTAINED IN THIS LICENSE AGREEMENT. PLEASE READ THE TERMS CAREFULLY BEFORE COMPLETING THE INSTALLATION PROCESS AS INSTALLING THE SOFTWARE WILL INDICATE YOUR ASSENT TO THEM. IF YOU DO NOT AGREE TO THESE TERMS, THEN DrayTek IS UNWILLING TO LICENSE THE SOFTWARE TO YOU, IN WHICH EVENT YOU SHOULD RETURN THE

I have read and understood the above Agreement and agree it. (Please check this box).

**STEP 4**  
 Activation Date(MM-DD-YYYY):  Register

The above information will not be shown after you added and registered both types of license numbers to the database.

**Apply For A License Number** Cancel

Service Name:

**STEP 1**  
 License Number :  Add License

Flag	License	Provider	Status

**STEP 2**  
 Join !!! Join the [Draytek promotion plan](#)

**STEP 3**  
 Activation Date (MM-DD-YYYY):  Apply

---

**Note:** Choose DT-KL to get the anti-intrusion service from Draytek and anti-virus service from Kaspersky. Choose DT-DT to get the anti-intrusion and anti-virus services from Draytek Corporation. The default setting is DT-KL.

---

- Next, check the agree box for the license agreement. If you do not check this box, the **Register** button cannot be available.
- Type the activation date for this trial version after checking the agree box. Move the mouse to the inserting box and click it. A popup calendar will appear. Select the date that you activate this version.
- Click **Register** when you finish choosing the date. The following page will be shown to ask your confirmation.

### DrayTek Service Activation

Service Name	Start Date	Expire Date	Status
Anti-Virus	2006-03-21	2007-06-19	DT-DT

Copyright © DrayTek Corp. All Rights Reserved.

Close

15. Click **Close**.
16. Return to **Signature Upgrade** page of the router's web configurator. The start date and expire date for the license are shown in this page.

The screenshot shows a web interface with the following elements:

- License** [Status :DT-DT] [Start Date:2006-03-21 Expire Date:2007-06-19] (This entire line is highlighted with a red box)
- Service Activation** **Activate**
- Signature Upgrade Setting** [ Signature Version : basic ]
- Setup upgrade server** auto-selected **query server**

Now, you have finished all the procedure for registering your router.

If you want to select DT-DT service additionally, repeat step 11 to step 14. Both services will be added into your router. You can apply any one of them for your router through the webpage.



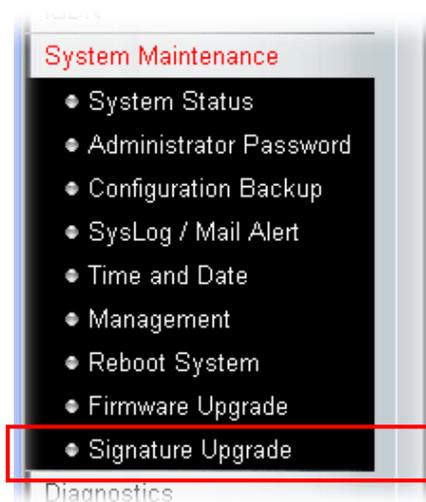
#### Note:

1. You are allowed to use the trial version with anti-intrusion and anti-virus features for 15 months after you register for your router. In addition, you will be informed with an e-mail one month before the expiry of the trial version.
2. Please register your router before Feb. 28, 2007 to share the benefit of 15 months of the trial version. For more detailed information, please contact your dealer after purchasing this product.

## 4.4 Switching between DT-DT and DT-KL

You can change anti-virus and anti-intrusion service between DT-DT and DT-KL service provider whenever you want. Simply follow the steps below:

1. Open a web browser on your PC and type **http://192.168.1.1**. A pop-up window will open to ask for username and password. Do not type any word on the window and click **OK**.
2. From the router's web page, please open **System Maintenance >>Signature Upgrade**. You will see the following web page.



3. Click the **Activate** link from the **Signature Upgrade** web page. Remember that the license currently selected is DT-DT. Therefore, you can switch into DT-KL if you want.



4. A **ReLog** page will be shown on the screen. Please type new account and password that you created previously. And click **Login**.

- The following page will be shown automatically. You will find there are two devices service added to your router. If you activated only one service before, it must be only one service displayed here. In this case, DT-DT and DT-KL services are installed to the router, and the active one is DT-KL.

**My Product**

---

**Device Information**

**Nick Name :**     carrie  
**Serial :**         999999999990  
**Model :**         VigorPro 100

---

**Device's Service**

Service	Action		Status	Start Date	Expired Date	Provider	Note
AI-AV	<input type="button" value="Upgrade"/>	<input type="button" value="Apply"/>	Installed	2006-03-31	2007-07-29	DT-DT	P
AI-AV	<input type="button" value="Upgrade"/>	<input type="button" value="Apply"/>	Registered	2006-03-31	2007-06-29	DT-KL	N

**Upgrade** allows you to upgrade a new license for specified service provider (DT-DT or DT-KL). Click the **Upgrade** button according to the license of provider (DT-DT or DT-KL) you purchased to update a new license.

**Apply** allows you to adopt the anti-virus and anti-intrusion service that provided by the selected service provider for your router. You can apply one service at one time.

- Click **Apply** on the line with DT-DT service to activate that service.
- Now, you have successfully switched the service provider for your router.

This page is left blank for remark if necessary.

## 5. Trouble Shooting

This section will guide you to solve abnormal situations if you cannot access into the Internet after installing the router and finishing the web configuration. Please follow sections below to check your basic installation status stage by stage.

- Checking if the hardware status is OK or not.
- Checking if the network connection settings on your computer are OK or not.
- Pinging the router from your computer.
- Checking if the ISP settings are OK or not.
- Backing to factory default setting if necessary.

If all above stages are done and the router still cannot run normally, it is the time for you to contact your dealer for advanced help.

### 5.1 Checking If the Hardware Status Is OK or Not

Follow the steps below to verify the hardware status.

1. Check the power line and WLAN/LAN cable connections. Refer to “**2.1 Hardware Installation**” for details.
2. Turn on the router. Make sure the **ACT LED** blink once per second and the correspondent **LAN LED** is bright.



3. If not, it means that there is something wrong with the hardware status. Simply back to “**2.1 Hardware Installation**” to execute the hardware installation again. And then, try again.

### 5.2 Checking If the Network Connection Settings on Your Computer Is OK or Not

Sometimes the link failure occurs due to the wrong network connection settings. After trying the above section, if the link is still failed, please do the steps listed below to make sure the network connection settings is OK.

## For Windows

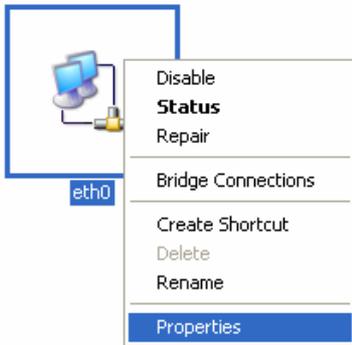


The example is based on Windows XP. As to the examples for other operation systems, please refer to the similar steps or find support notes in [www.draytek.com](http://www.draytek.com).

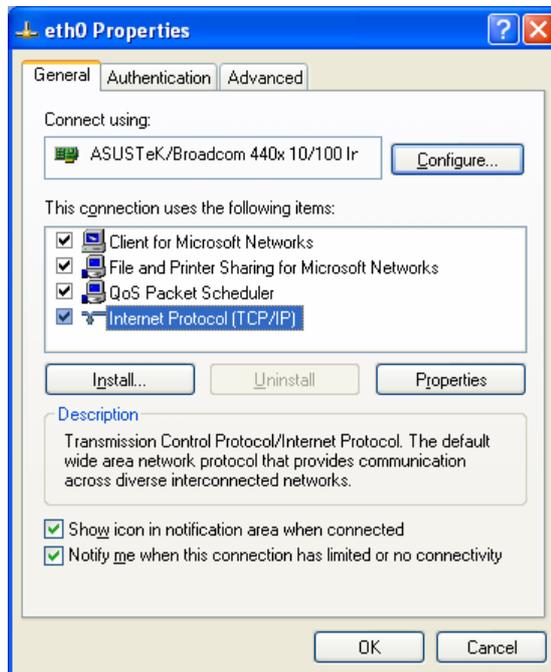
1. Go to **Control Panel** and then double-click on **Network Connections**.



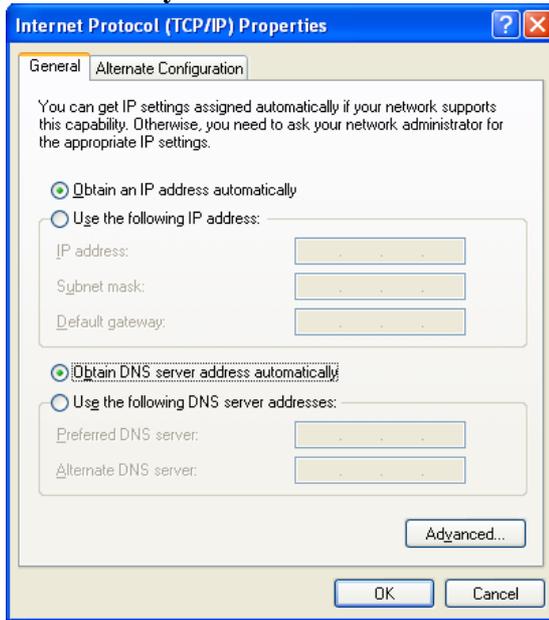
2. Right-click on **Local Area Connection** and click on **Properties**.



3. Select **Internet Protocol (TCP/IP)** and then click **Properties**.

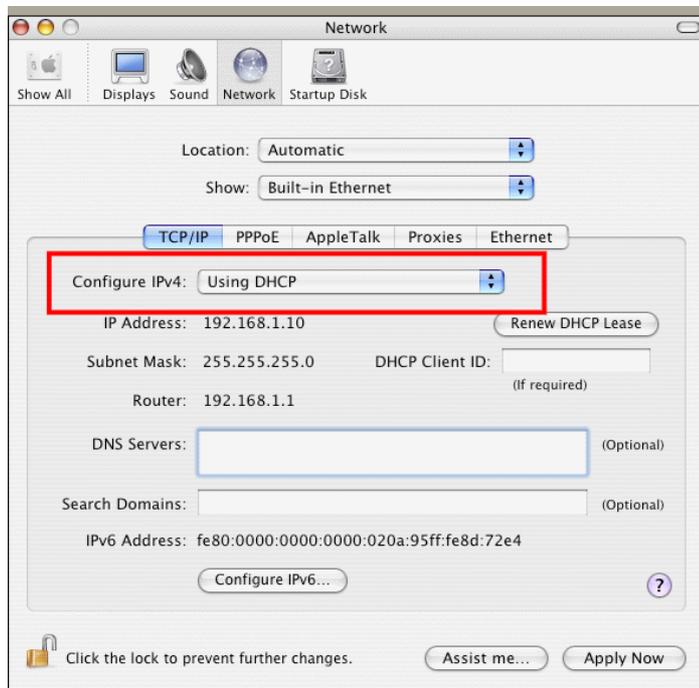


4. Select **Obtain an IP address automatically** and **Obtain DNS server address automatically**.



## For MacOs

1. Double click on the current used MacOs on the desktop.
2. Open the **Application** folder and get into **Network**.
3. On the **Network** screen, select **Using DHCP** from the drop down list of Configure IPv4.



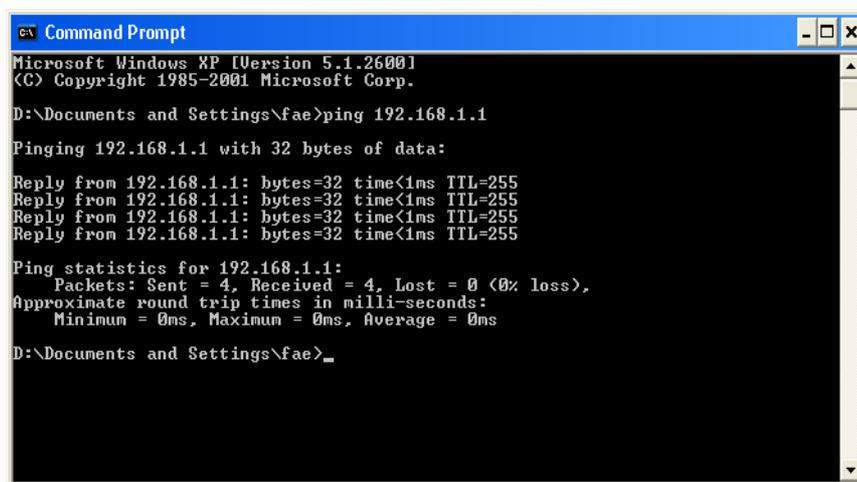
## 5.3 Pinging the Router from Your Computer

The default gateway IP address of the router is 192.168.1.1. For some reason, you might need to use “ping” command to check the link status of the router. **The most important thing is that the computer will receive a reply from 192.168.1.1.** If not, please check the IP address of your computer. We suggest you setting the network connection as **get IP automatically**. (Please refer to the section 4.2)

Please follow the steps below to ping the router correctly.

### For Windows

1. Open the **Command Prompt** window (from **Start menu> Run**).
2. Type **command** (for Windows 95/98/ME) or **cmd** (for Windows NT/ 2000/XP). The DOS command dialog will appear.



```
Command Prompt
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

D:\Documents and Settings\fae>ping 192.168.1.1

Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time<1ms TTL=255

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

D:\Documents and Settings\fae>_
```

3. Type **ping 192.168.1.1** and press [Enter]. If the link is OK, the line of “**Reply from 192.168.1.1:bytes=32 time<1ms TTL=255**” will appear.
4. If the line does not appear, please check the IP address setting of your computer.

### For MacOs (Terminal)

1. Double click on the current used MacOs on the desktop.
2. Open the **Application** folder and get into **Utilities**.
3. Double click **Terminal**. The Terminal window will appear.
4. Type **ping 192.168.1.1** and press [Enter]. If the link is OK, the line of “**64 bytes from 192.168.1.1: icmp\_seq=0 ttl=255 time=xxxx ms**” will appear.

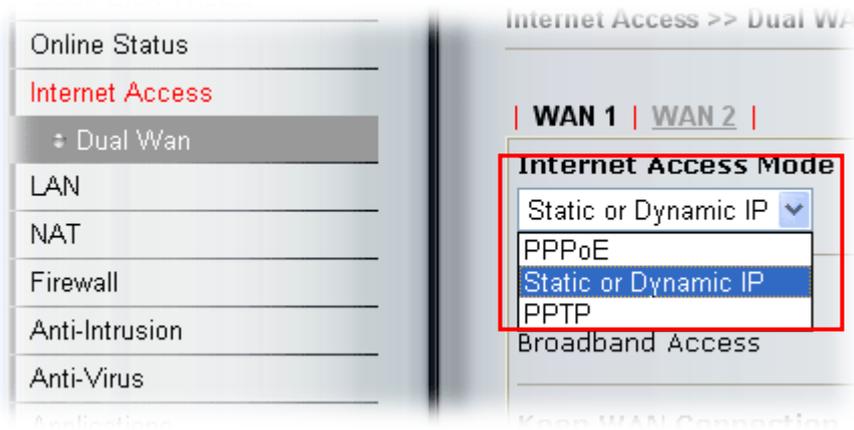
```

Terminal — bash — 80x24
Last login: Sat Jan  3 02:24:18 on ttty1
Welcome to Darwin!
Vigor10:~ draytek$ ping 192.168.1.1
PING 192.168.1.1 (192.168.1.1): 56 data bytes
64 bytes from 192.168.1.1: icmp_seq=0 ttl=255 time=0.755 ms
64 bytes from 192.168.1.1: icmp_seq=1 ttl=255 time=0.697 ms
64 bytes from 192.168.1.1: icmp_seq=2 ttl=255 time=0.716 ms
64 bytes from 192.168.1.1: icmp_seq=3 ttl=255 time=0.731 ms
64 bytes from 192.168.1.1: icmp_seq=4 ttl=255 time=0.72 ms
^C
--- 192.168.1.1 ping statistics ---
5 packets transmitted, 5 packets received, 0% packet loss
round-trip min/avg/max = 0.697/0.723/0.755 ms
Vigor10:~ draytek$

```

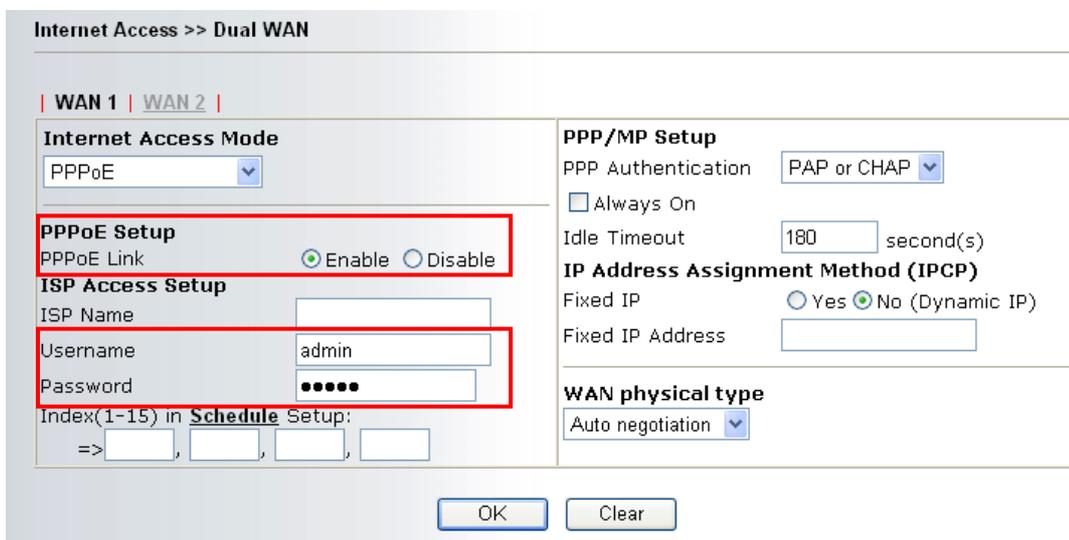
## 5.4 Checking If the ISP Settings are OK or Not

Click **Internet Access** group and then check whether the ISP settings are set correctly.



### For PPPoE Users

1. Check if the **Enable** option for PPPoE Link is selected.
2. Check if **Username** and **Password** are entered with correct values that you **got from your ISP**.



## For Static IP/DHCP Users

1. Check if the **Enable** option for Broadband Access is selected.

WAN 1 | WAN 2 |

**Internet Access Mode**  
Static or Dynamic IP

**Access Control**  
Broadband Access  Enable  Disable

**Keep WAN Connection**  
 Enable PING to keep alive  
 PING to the IP: 0.0.0.0  
 PING Interval: 0 minute(s)

**WAN physical type**  
Auto negotiation

**RIP Protocol**  
 Enable RIP

**WAN IP Network Settings**  
 Obtain an IP address automatically  
 Router Name: \*  
 Domain Name: \*  
 \* : Required for some ISPs  
 Specify an IP address  
 WAN IP Alias:  
 IP Address: 172.16.3.229  
 Subnet Mask: 255.255.255.0  
 Gateway IP Address: 172.16.3.1

**Specify MAC Address**  
 Default MAC Address  
 Specify a MAC Address  
 MAC Address : 00 . 50 . 7F : 00 . 00 . 01

**DNS Server IP Address**  
 Force DNS manual setting  
 Primary IP Address:  
 Secondary IP Address:

**ISDN Dial Backup Setup for Dual WAN**  
 Dial Backup Mode: None

OK Clear

2. Check if **IP Address**, **Subnet Mask** and **Gateway** are set correctly (must identify with the values from your ISP) if you choose **Specify an IP address**.

## For PPTP Users

1. Check if the **Enable** option for PPTP Link is selected. And check the IP address for the PPTP Server.

Internet Access >> Dual WAN

WAN 1 | WAN 2 |

**Internet Access Mode**  
PPTP

**PPTP Setup**  
 PPTP Link  Enable  Disable  
 PPTP Server: 10.0.0.138

**ISP Access Setup**  
 ISP Name:  
 Username:  
 Password:  
 Index(1-15) in **Schedule** Setup:  
 => , , ,

**PPP Setup**  
 PPP Authentication: PAP or CHAP  
 Always On  
 Idle Timeout: 180 second(s)

**IP Address Assignment Method (IPCP)**  
 Fixed IP:  Yes  No (Dynamic IP)  
 Fixed IP Address:

**WAN IP Network Settings**  
 Obtain an IP address automatically  
 Specify an IP address  
 IP Address: 10.0.0.150  
 Subnet Mask: 255.0.0.0

**WAN physical type**  
Auto negotiation

OK Clear

2. Check if **IP Address** and **Subnet Mask** are set correctly (must identify with the values from your ISP) if you choose **Specify an IP address**.

## 5.5 Backing to Factory Default Setting If Necessary

Sometimes, a wrong connection can be improved by returning to the default settings. Try to reset the router by software or hardware.

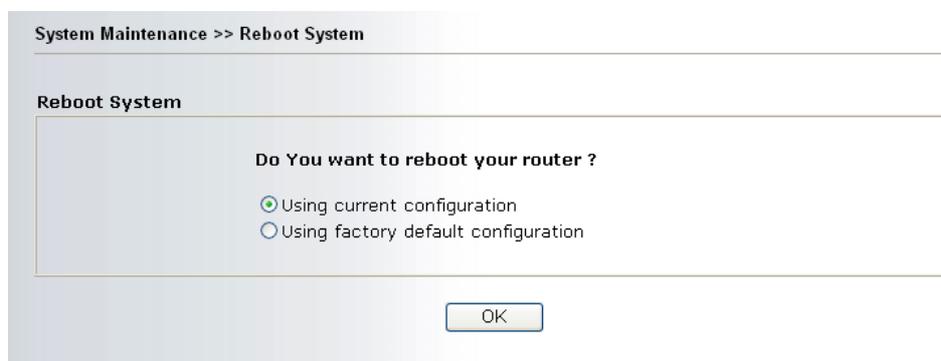


**Warning:** After pressing **factory default setting**, you will lose all settings you did before. Make sure you have recorded all useful settings before you pressing. The password of factory default is null.

### Software Reset

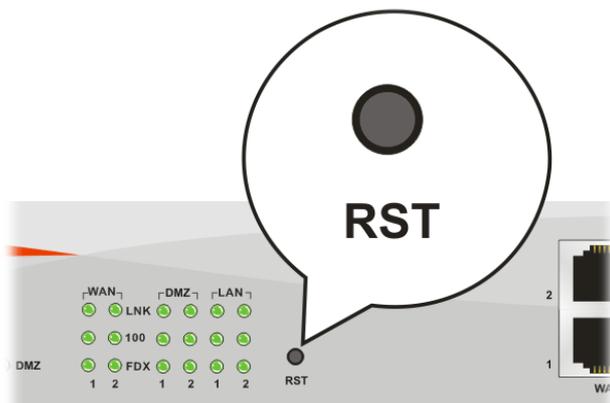
You can reset the router to factory default via Web page.

Go to **System Maintenance** and choose **Reboot System** on the web page. The following screen will appear. Choose **Using factory default configuration** and click **OK**. After few seconds, the router will return all the settings to the factory settings.



### Hardware Reset

While the router is running (ACT LED blinking), press the **RST** button and hold for more than 5 seconds. When you see the **ACT** LED blinks rapidly, please release the button. Then, the router will restart with the default configuration.



After restore the factory default setting, you can configure the settings for the router again to fit your personal request.

## 5.6 Contacting Your Dealer

If the router still cannot work correctly after trying many efforts, please contact your dealer for further help right away. For any questions, please feel free to send e-mail to [support@draytek.com](mailto:support@draytek.com).