

Vigor 318 USB ADSL Modem

Quick Installation Guide

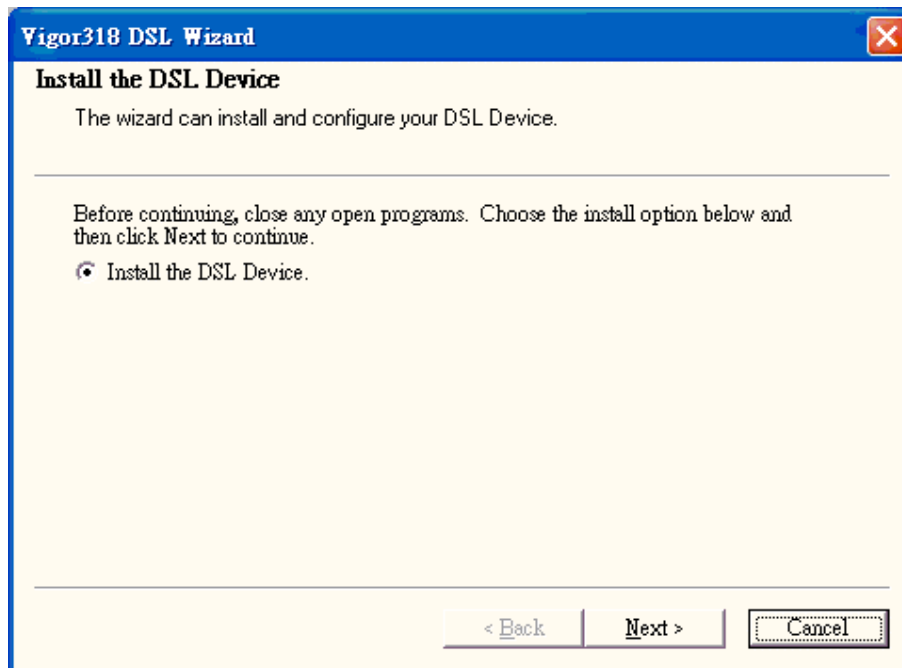


Welcome to join broadband Internet world. This Quick Installation Guide will instruct you how to install the Vigor318 USB ADSL Modem. For more information, please refer the 'Install Wizard Help' file on CD-ROM. It will show you ADSL knowledge and how to monitor/control this device.

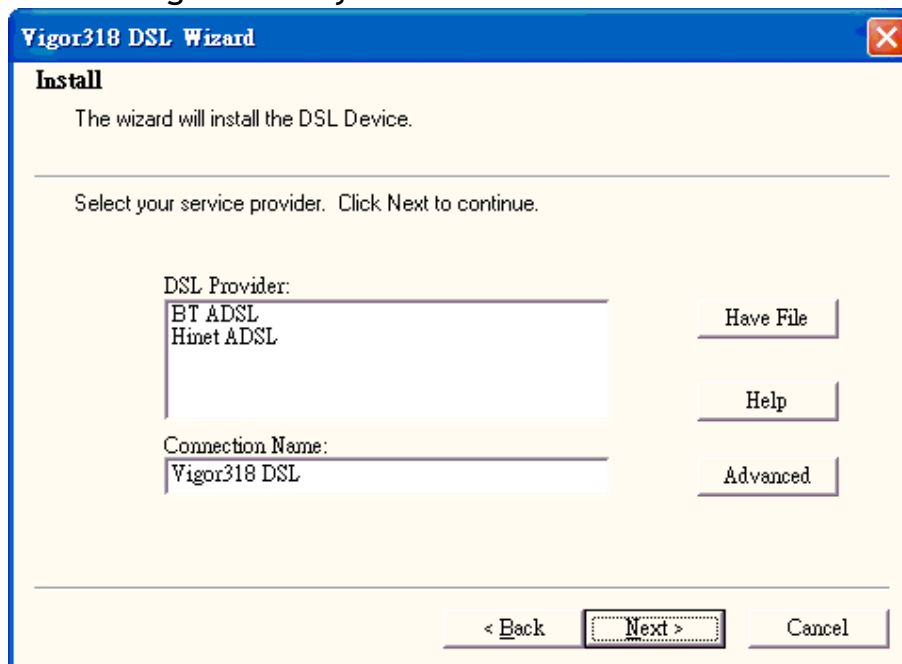
Make sure Vigor318 is not connected to the PC/Mac before starting the installation.

Windows OS (98/Me/2000/XP)

1. Insert the Vigor318 CD into your computer's CD driver.
2. Select "Install Vigor318"
3. At the "Install the DSL Device" window, select and click **Next**.

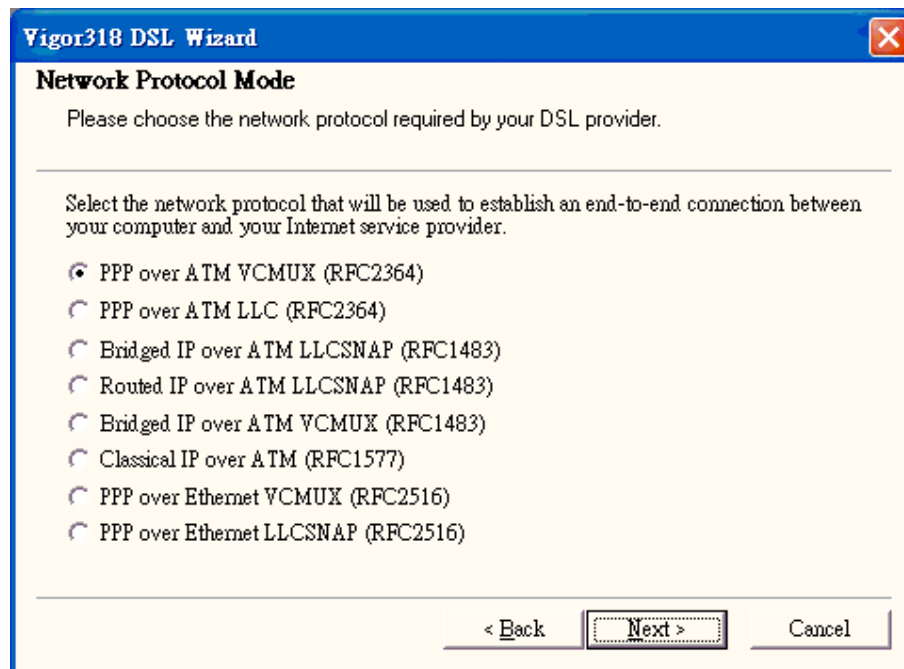


4. Select DSL provider and go to step 9 . If you can not find your local DSL provider in the selection item, click **Advanced** and follow the steps 5-8 to configure DSL settings manually.



5. Select Protocol and click **Next**.

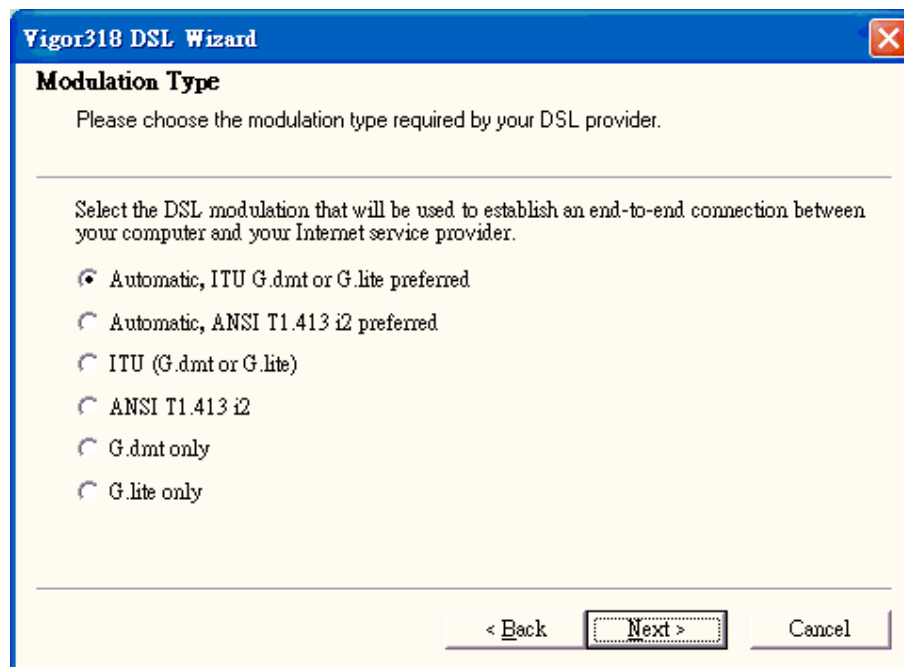
(This information should be provided from your DSL provider.)



The screenshot shows a Windows-style dialog box titled "Vigor318 DSL Wizard" with a red close button in the top right corner. The main heading is "Network Protocol Mode". Below the heading, it says "Please choose the network protocol required by your DSL provider." A horizontal line separates this instruction from the list of protocols. The list contains eight options, each with a radio button: "PPP over ATM VCMUX (RFC2364)" (selected), "PPP over ATM LLC (RFC2364)", "Bridged IP over ATM LLC SNAP (RFC1483)", "Routed IP over ATM LLC SNAP (RFC1483)", "Bridged IP over ATM VCMUX (RFC1483)", "Classical IP over ATM (RFC1577)", "PPP over Ethernet VCMUX (RFC2516)", and "PPP over Ethernet LLC SNAP (RFC2516)". At the bottom right, there are three buttons: "< Back", "Next >" (highlighted with a black border), and "Cancel".

6. Select the modulation type and click **Next**.

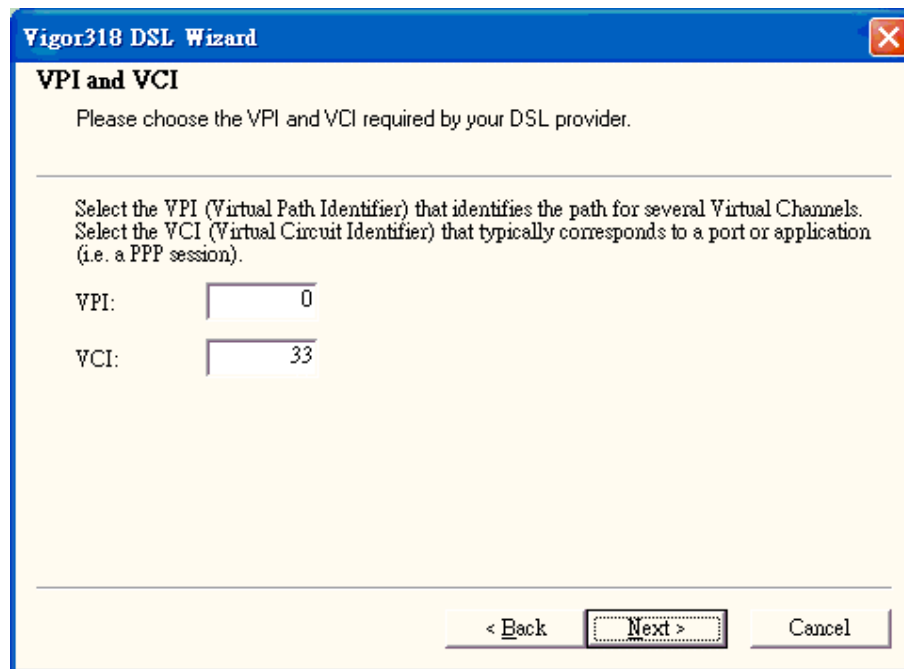
(This information should be provided from your DSL provider.)



The screenshot shows a Windows-style dialog box titled "Vigor318 DSL Wizard" with a red close button in the top right corner. The main heading is "Modulation Type". Below the heading, it says "Please choose the modulation type required by your DSL provider." A horizontal line separates this instruction from the list of modulation types. The list contains six options, each with a radio button: "Automatic, ITU G.dmt or G.lite preferred" (selected), "Automatic, ANSI T1.413 i2 preferred", "ITU (G.dmt or G.lite)", "ANSI T1.413 i2", "G.dmt only", and "G.lite only". At the bottom right, there are three buttons: "< Back", "Next >" (highlighted with a black border), and "Cancel".

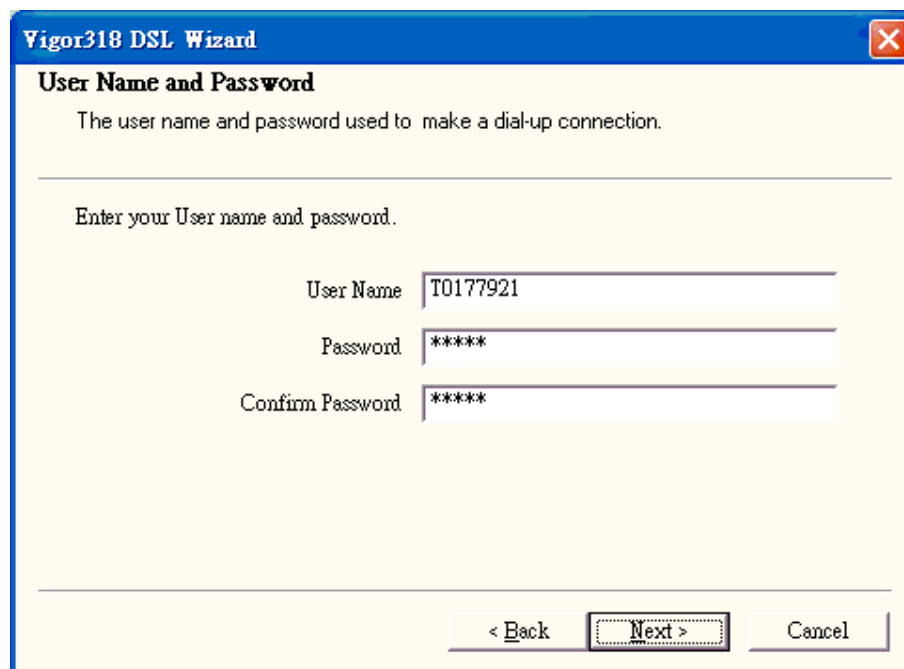
7. Input VPI/VCI and click **Next**.

(This information should be provided from your DSL provider.)



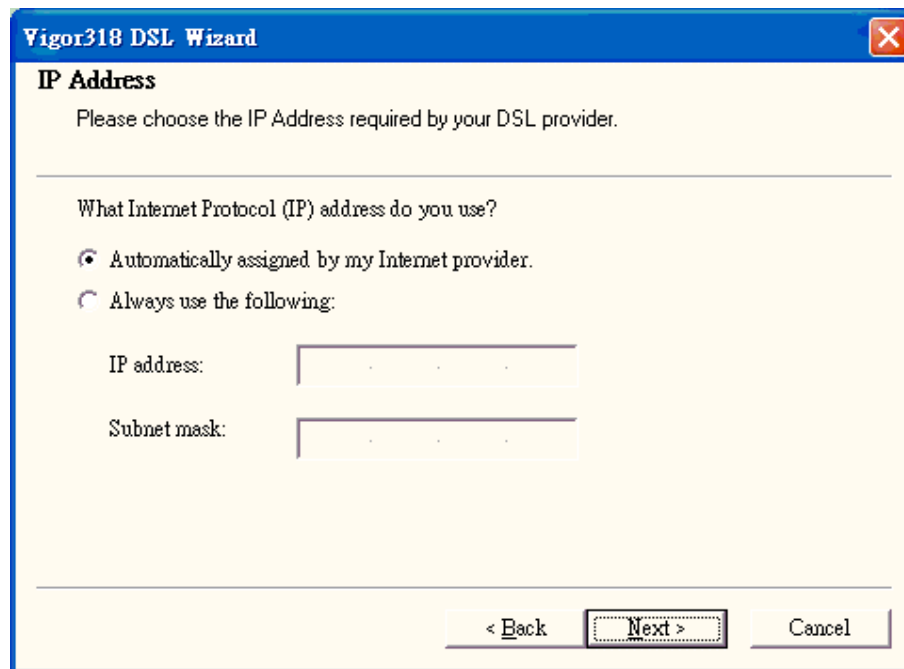
The screenshot shows a window titled "Vigor318 DSL Wizard" with a close button in the top right corner. The main heading is "VPI and VCI". Below it, a text prompt says "Please choose the VPI and VCI required by your DSL provider." A horizontal line separates this from the instructions: "Select the VPI (Virtual Path Identifier) that identifies the path for several Virtual Channels. Select the VCI (Virtual Circuit Identifier) that typically corresponds to a port or application (i.e. a PPP session)." Below the instructions are two input fields. The first is labeled "VPI:" and contains the value "0". The second is labeled "VCI:" and contains the value "33". At the bottom of the window, there are three buttons: "< Back", "Next >" (which is highlighted with a dotted border), and "Cancel".

8. a. For PPP protocol : Key in 'User Name' , 'Password' and click **Next**.



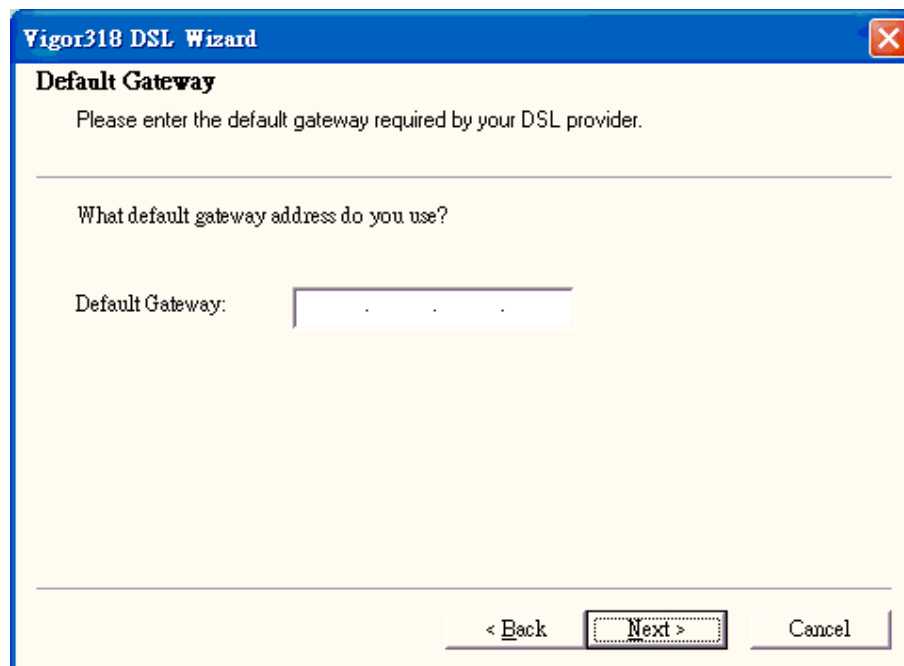
The screenshot shows a window titled "Vigor318 DSL Wizard" with a close button in the top right corner. The main heading is "User Name and Password". Below it, a text prompt says "The user name and password used to make a dial-up connection." A horizontal line separates this from the instruction: "Enter your User name and password." Below the instruction are three input fields. The first is labeled "User Name" and contains the text "T0177921". The second is labeled "Password" and contains six asterisks "*****". The third is labeled "Confirm Password" and also contains six asterisks "*****". At the bottom of the window, there are three buttons: "< Back", "Next >" (which is highlighted with a dotted border), and "Cancel".

- b. For bridged/routed protocol : select IP assigned method and key in 'IP address' and 'Subnet mask' if needed. Then click **Next**.



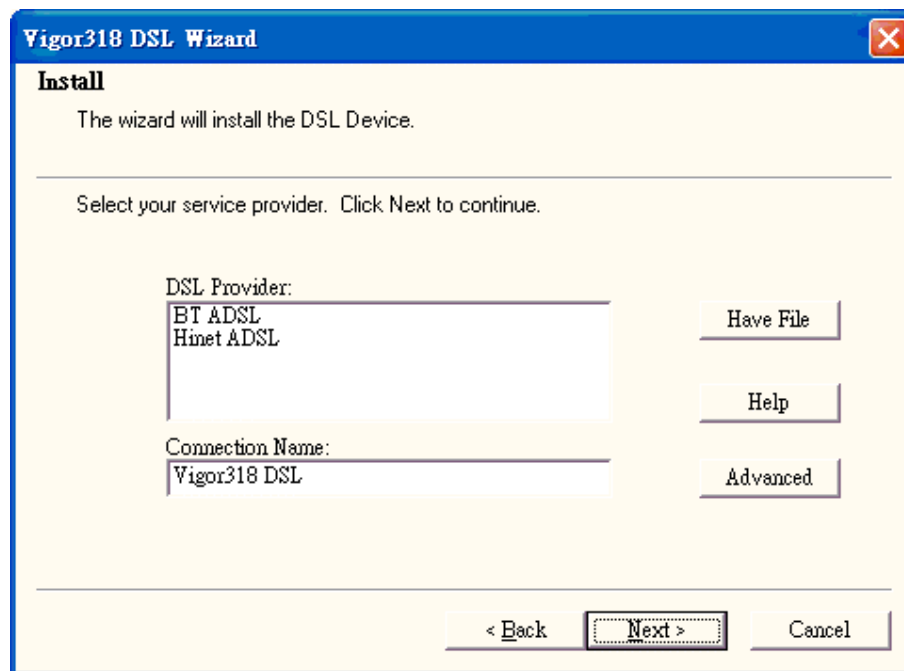
The screenshot shows the 'Vigor318 DSL Wizard' window with the 'IP Address' tab selected. The window has a blue title bar with the text 'Vigor318 DSL Wizard' and a red close button. The main area is yellow and contains the text 'Please choose the IP Address required by your DSL provider.' followed by a horizontal line. Below the line, the question 'What Internet Protocol (IP) address do you use?' is displayed. There are two radio button options: 'Automatically assigned by my Internet provider.' (which is selected) and 'Always use the following:'. Below these options are two text input fields: 'IP address:' and 'Subnet mask:'. Each field has a dotted pattern indicating the expected input format (e.g., . . .). At the bottom of the window, there are three buttons: '< Back', 'Next >' (which is highlighted with a black border), and 'Cancel'.

Then key in gateway IP address according to the information from your ISP.



The screenshot shows the 'Vigor318 DSL Wizard' window with the 'Default Gateway' tab selected. The window has a blue title bar with the text 'Vigor318 DSL Wizard' and a red close button. The main area is yellow and contains the text 'Please enter the default gateway required by your DSL provider.' followed by a horizontal line. Below the line, the question 'What default gateway address do you use?' is displayed. There is one text input field labeled 'Default Gateway:' with a dotted pattern indicating the expected input format (e.g., . . .). At the bottom of the window, there are three buttons: '< Back', 'Next >' (which is highlighted with a black border), and 'Cancel'.

9. Click **Next**.



The screenshot shows the 'Vigor318 DSL Wizard' window at the 'Install' step. The title bar is blue with the text 'Vigor318 DSL Wizard' and a close button. The main area has a yellow background. It says 'Install' in bold, followed by 'The wizard will install the DSL Device.' and 'Select your service provider. Click Next to continue.' Below this, there are two text input fields. The first is labeled 'DSL Provider:' and contains 'BT ADSL' and 'Hinet ADSL'. To its right are three buttons: 'Have File', 'Help', and 'Advanced'. The second text input field is labeled 'Connection Name:' and contains 'Vigor318 DSL'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is highlighted with a dashed border.

Vigor318 DSL Wizard

Install

The wizard will install the DSL Device.

Select your service provider. Click Next to continue.

DSL Provider:

BT ADSL
Hinet ADSL

Have File

Help

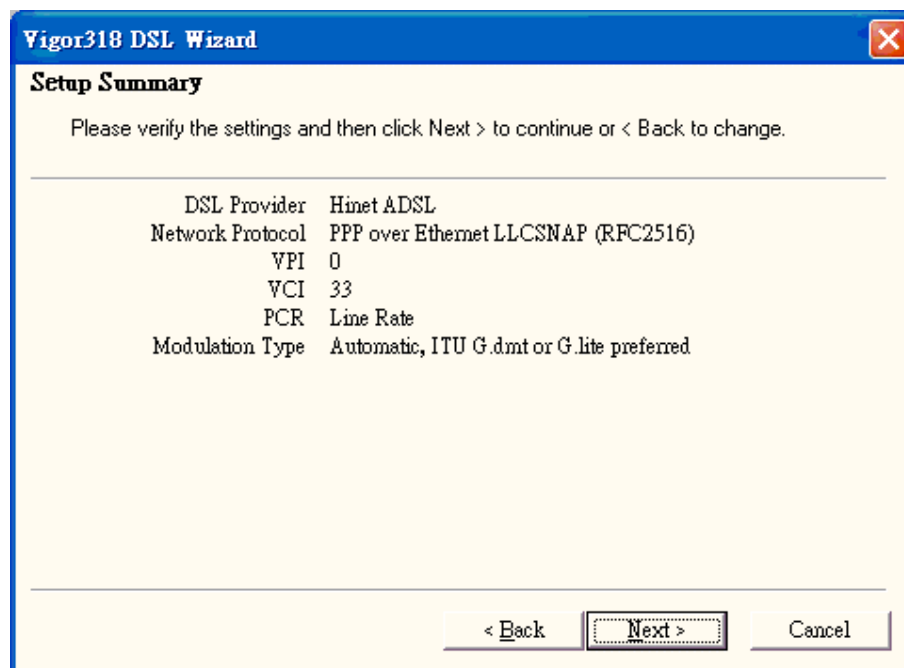
Advanced

Connection Name:

Vigor318 DSL

< Back **Next >** Cancel

10. Check if the DSL settings are correct or not. If yes, click **Next**, otherwise, click **Back** and configure it manually. (Steps 4-8)



The screenshot shows the 'Vigor318 DSL Wizard' window at the 'Setup Summary' step. The title bar is blue with the text 'Vigor318 DSL Wizard' and a close button. The main area has a yellow background. It says 'Setup Summary' in bold, followed by 'Please verify the settings and then click Next > to continue or < Back to change.' Below this, there is a table of settings. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is highlighted with a dashed border.

Vigor318 DSL Wizard

Setup Summary

Please verify the settings and then click Next > to continue or < Back to change.

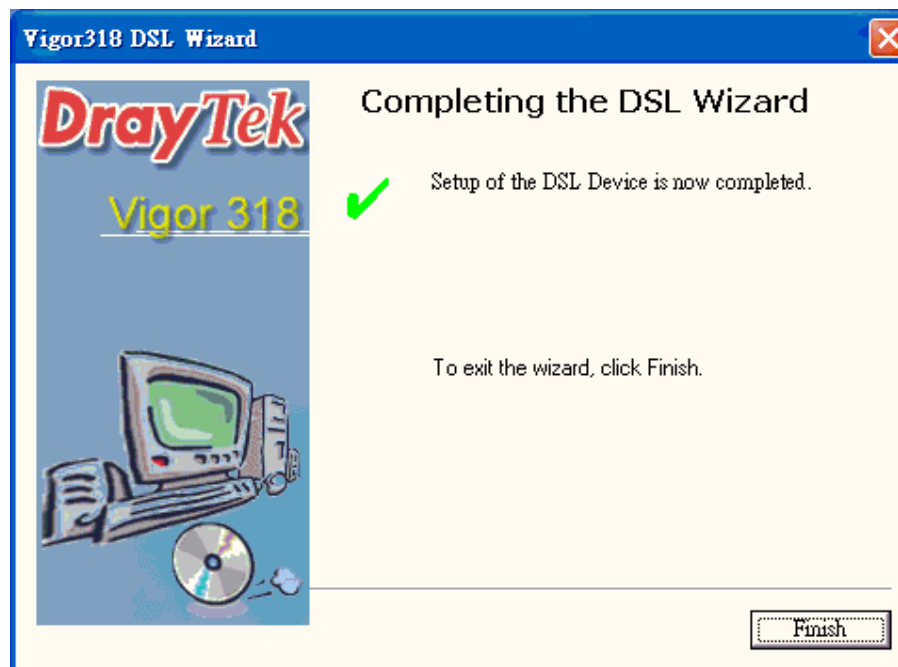
DSL Provider	Hinet ADSL
Network Protocol	PPP over Ethernet LLC SNAP (RFC2516)
VPI	0
VCI	33
PCR	Line Rate
Modulation Type	Automatic, ITU G.dmt or G.lite preferred

< Back **Next >** Cancel

11. After the files are copied to the computer, it will ask you to connect Vigor318 to PC. At this time, connect the unit to your computer.



11. Once Vigor318 is installed, an icon appears on the taskbar and following window appears :

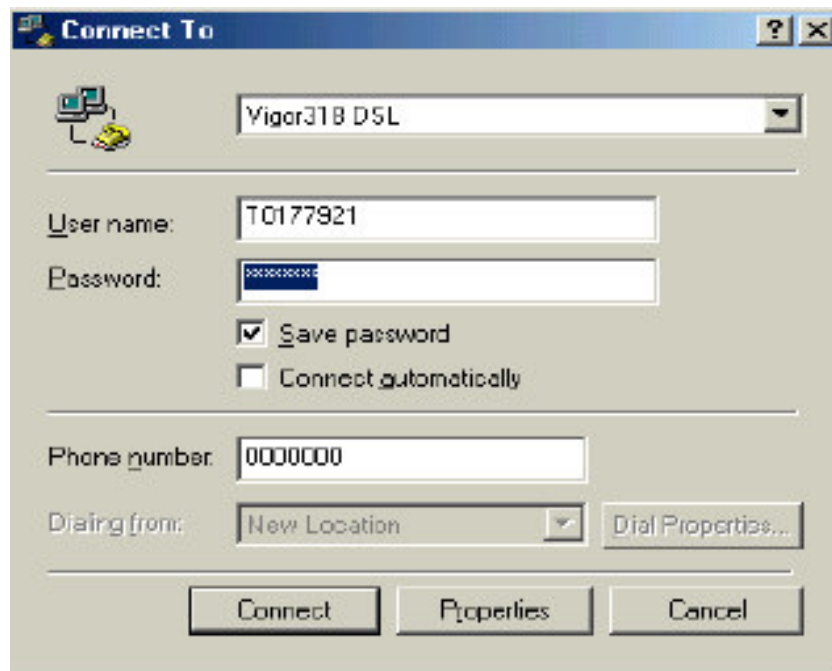


12. Connect to Internet.

- a. For PPP protocol : Double-click **Vigor318 DSL** icon on desktop of Windows.



The following windows appear, click **connect**.



- b. For bridged/routed protocol : It will connect to Internet automatically.

13. Check Vigor318 Status.

Double-click **Vigor318 Control Panel** icon on desktop of Windows.



The following windows will appear, You can monitor connection status, link statistics and protocol setup.

DrayTek Vigor318 USB ATM/ADSL Adapter

AAL Link Statistics | Connection | Line Setup | Protocol Setup
General | General | ATM Link Statistics

ADSL Line Information

	ADSL	ATM	AAL	Rate	
Receive				0 kbits/s	VPI = 0
Transmit				0 kbits/s	VCI = 33

Line Status
Attempting to Activate Line Stop ADSL

Call Status
Idle

ADSL Modulation
Undefined

Encapsulation Mode
PPP over Ethernet LLC SNAP (RFC2516)

DrayTek Driver S/W Version: 28072.099.085.000
3.32

OK Cancel Apply Help

Mac OS (OS 9/OS X)

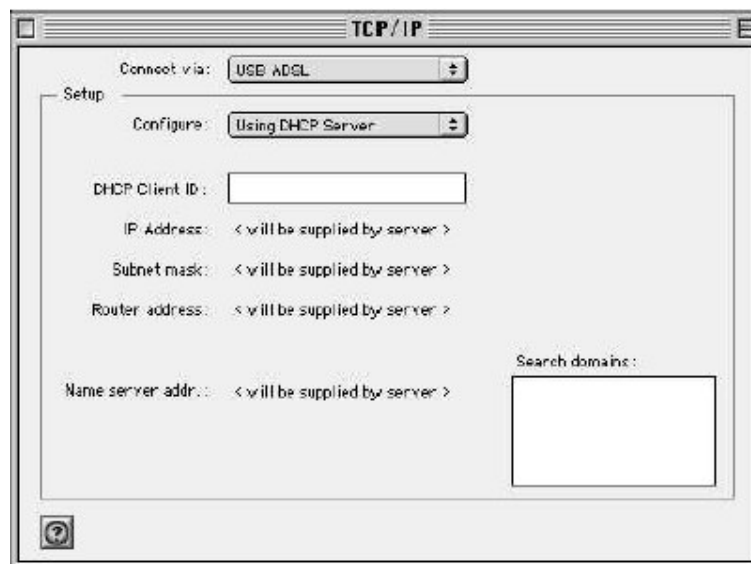
Install Driver

1. Insert the Vigor318 CD into your computer's CD driver.
2. Select suitable driver and install it for your OS.

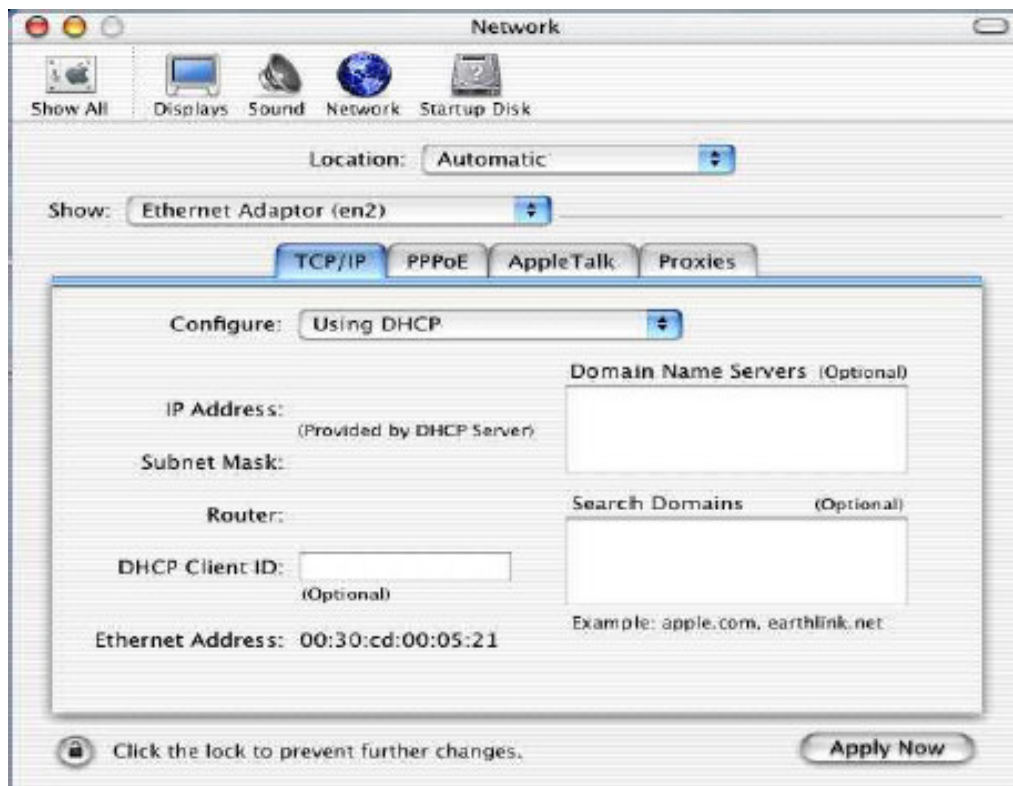


3. After installation and the computer has restarted, connect Vigor318 to your MAC.
4. Configure TCP/IP device to Vigor318 and select DHCP Server for assigning IP automatically.

For Mac OS 9 :



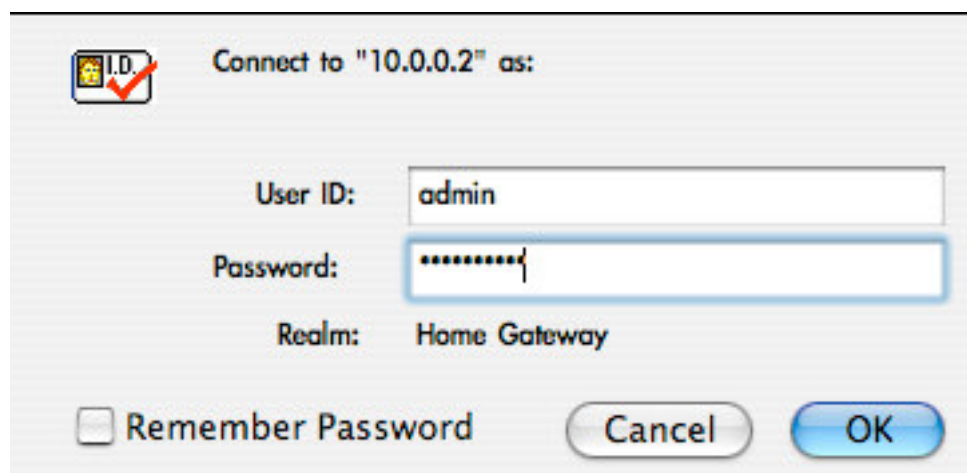
For Mac OS X :



Configure DSL parameters

5. Open WWW browser and key in <http://10.0.0.2>. The following window will appear requesting you to key in 'User ID' and 'Password'.

Default value : User ID : admin
 Password : epicrouter



6. After authentication, enter **Configuration -> WAN**. Key in the following DSL parameters and press **Submit**.

DSL Parameters :

- a. For PPP protocol : VPI/VCI, encapsulation, username, password.
- b. For bridged/routed protocol : VPI/VCI, Enable DHCP client to get IP from ISP / Gateway IP address or set static IP Address / Subnet Mask / Gateway IP Address manually.

The screenshot shows a web browser window titled "DrayTek - USB Endpoint" with the address bar showing "http://10.0.0.2/". The browser's address bar and navigation buttons (Back, Forward, Stop, Refresh, Home, AutoFill, Print, Mail) are visible. The page content is titled "WAN Configuration (Pvc 0)". On the left, there is a sidebar with a "DrayTek" logo and a list of links: Quick Start, Status (General Status, PPP, ADSL), Configuration (WAN, LAN, DNS, User Password Configuration, Save Settings / Reboot), and Admin Privilege (WAN Status, ATM Status, ADSL Configuration, Misc Configuration, TCP Status, Admin Password Configuration). The main content area is divided into three sections: "Virtual Circuit" with "Enabled" and "Encapsulation" set to "PPPoA VC-Mux"; "ATM" with "VPI" set to 0, "VCI" set to 33, "Service Category" set to "UBR", and "Bandwidth" set to 0 kbps; and "DHCP Client" with "Disabled". On the right, there are "Static IP Settings" (IP Address: 192.168.241.101, Subnet Mask: 255.255.255.0, Gateway: empty) and "PPP" settings (Service Name: empty, Username: empty, Password: empty, Disconnect Timeout: 0 seconds (Max:32), MRU: 1492, MTU: 1492, MSS: 1432).

DrayTek

WAN Configuration (Pvc 0)

Virtual Circuit: Enabled

Encapsulation: PPPoA VC-Mux

ATM

VPI: 0

VCI: 33

Service Category: UBR

Bandwidth: 0 kbps

DHCP Client: Disabled

Host Name:

Static IP Settings

IP Address: 192.168.241.101

Subnet Mask: 255.255.255.0

Gateway:

PPP

Service Name:

Username:

Password:

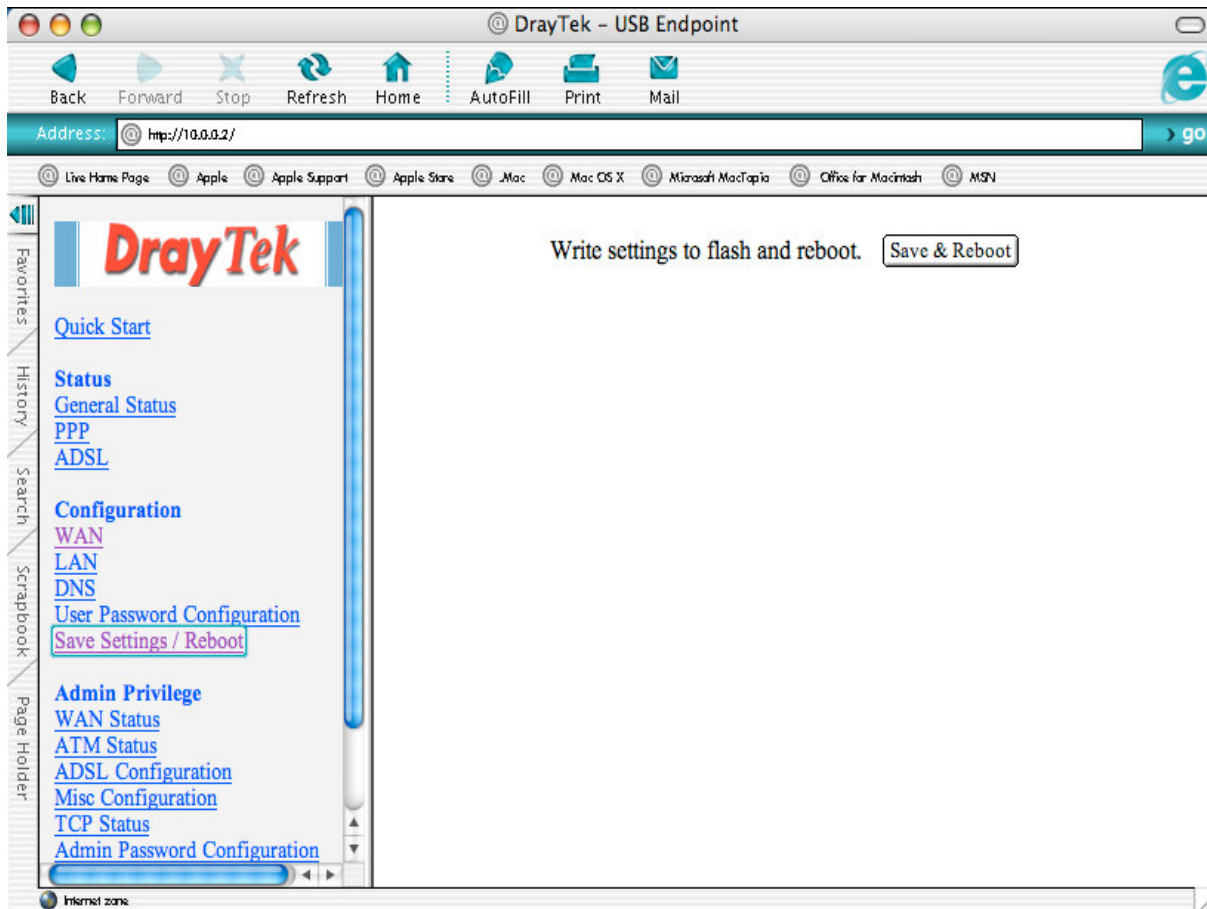
Disconnect Timeout: 0 seconds (Max:32)

MRU: 1492

MTU: 1492

MSS: 1432

7. Enter Configuration -> Save Settings, Press **Submit** to write settings to flash and reboot Vigor318.



8. Now you can surf Internet via Vigor318.

Tip :

How to drop DSL connection for PPPoE/PPPoA mode ?

Vigor318 will connect to Internet automatically when Mac is power on. You can follow the below steps to disconnect PPP connection.

1. Enter 'Status → PPP'
2. Choose **Disconnect**
3. Press **Execute**

