

# Vigor N61 Wireless Adapter

## **Quick Start Guide**

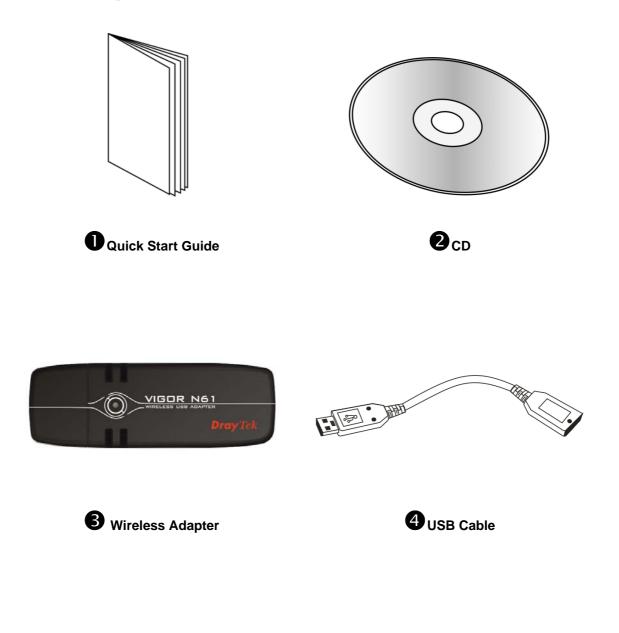
Version: 1.0 Date: 2007/10/01

Please visit www.draytek.com to get the newly updated manual at any time.

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Trademarks	<ul> <li>The following trademarks are used in this document:</li> <li>Microsoft is a registered trademark of Microsoft Corp.</li> <li>Windows, Windows 2000, XP, Vista and Explorer are trademarks of Microsoft Corp.</li> <li>Other products may be trademarks or registered trademarks of their respective manufacturers.</li> </ul>		
Safety Instruction	ns and Approval		
Safety Instructions Warranty	<ul> <li>Read the installation guide thoroughly before you set up the card.</li> <li>The wireless card is a complicated electronic unit that may be repaired only be authorized and qualified personnel. Do not try to open or repair the wireless card yourself.</li> <li>Do not place the wireless card in a damp or humid place, e.g. a bathroom.</li> <li>The wireless card should be used in a sheltered area, within a temperature range of +5 to +40 Celsius.</li> <li>Do not expose the wireless card to direct sunlight or other heat sources. The housing and electronic components may be damaged by direct sunlight or heat sources.</li> <li>Keep the package out of reach of children.</li> <li>When you want to dispose of the wireless card, please follow local regulations on conservation of the environment.</li> <li>We warrant to the original end user (purchaser) that the wireless card will be free from any defects in workmanship or materials for a period of one (1) year 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 tore-store 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 f</li></ul>		
Driver Updates	Please consult the DrayTek web site for more information on newest driver, and documents. http://www.draytek.com		
Warning	<ul> <li>Compatibility with IEEE 802.11n future version is not guaranteed.</li> <li>Compatibility with IEEE 802.11n draft devices from other manufacturer is not guaranteed.</li> </ul>		

## 1. Package Content



VigorN61 Quick Start Guide

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### 2. Installing USB Driver

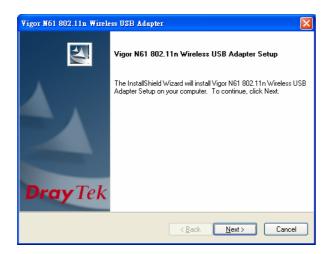
Before you installing USB driver for Vigor N61, *do not insert* the wireless adapter in your computer.

Follow the step below to install USB driver.

1. Insert the CD into your computer. The following screen will appear.

Vigor N61 802.11n Wireless USB Adapter - InstallShield Wizard
Preparing Setup Please wait while the InstallShield Wizard prepares the setup.
Vigor N61 802.11n Wireless USB Adapter Setup is preparing the InstallShield Wizard, which will guide you through the rest of the setup process. Please wait.
InstallShield
Cancel

2. The setup wizard will appear as follows. Please click Next.



3. Now, you can insert Vigor N61 to the USB port of your computer. Then click Next.





Connect directly

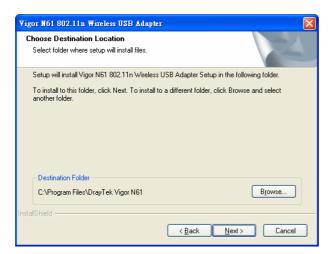
4. In this page, you have to choose "**I accept...**" to continue the installation. If you do not accept the agreement, you can click "**I do not...**" to exit the wizard. And the driver installation will not be installed to your computer.

igor N61 802.11n Wireless USB Adap	ter
License Agreement Please read the following license agreemer	nt carefully.
stored in a retrieval system, or translated in	nay be reproduced, transmitted, transcribed, to any language or computer language in any ical, magnetic, optical, chemical, manual, or on of this company.
I accept the terms of the license agreen     I go not accept the terms of the license stallShield	
	< <u>B</u> ack <u>N</u> ext > Cancel

5. There are two types of setup that you have to choose, **Complete** or **Install Driver Only**. If you do not know which one is proper, simply choose **Complete** and click **Next**.

Vigor N61 802.11n Wireless USB Adapter	
Setup Type Select the setup type that best suits your needs.	No.
Click the type of setup you prefer.	
Complete Install Driver Only	Description Choose this option to install the driver and client utilities. This is recommended option.
InstallShield	k Next > Cancel

6. The default destination folder will be specified in this page. Also, you can click **Browse...** to choose another folder for storing the driver. Click **Next**.



7. A default program folder will be offered by the setup program. If you do not want to change it, simply click **Next**.

Vigor N61 802.11n Wireless USB Adapter	×
Select Program Folder Please select a program folder.	
Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing folders list. Click Next to continue. Program Folder:	_
Vigor N61 802.11n Wireless USB Adapter Egisting Folders: Adobe	]
AVG Free Edition ClanWin Antivirus CoreDRAW Graphics Suite 12 DrayTek ISDN Tools FinaDrata	
GreenBrowser Tunes Microsoft Office	
InstallShield Cancel	

8. The setup program is executing the installation by copying corresponding files to your computer.

Vigor N61 802.11n Wireless USB Adapter	×
Setup Status	
Vigor N61 802.11n Wireless USB Adapter Setup is configuring your new software installation.	
C:\Program Files\DrayTek Vigor N61\WlanMon.exe	
InstallShield	

9. Now the system will ask you to restart your computer to complete the whole installation. After choosing the proper setting, please click **Finish**.

Vigor N61 802.11n Wireless USB Adapter				
	InstallShield Wizard Complete         The InstallShield Wizard has successfully installed Vigor N61         802.11n Wireless USB Adapter Setup. Before you can use the program, you must restart your computer.         Image: Mage: The set of the			
<b>Dray</b> Tek				
	< <u>B</u> ack <b>Finish</b> Cancel			

10. After restarting your system, the system will find out the hardware (wireless LAN card) automatically. When it locates, a message will be shown on the system tray.



11. Now, you can find the wireless LAN card icon in the system tray. Double click it to open the configuration window of Vigor N61 wireless adapter.



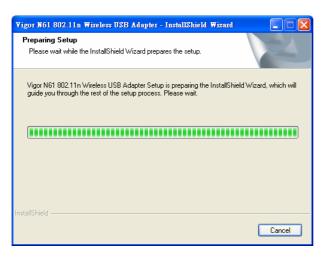
#### 3. Uninstalling USB Driver

If you want to remove the driver for this wireless card, please do the following:

1. Run Start >> Programs>> Vigor N61 802.11n Wireless USB Adapter Utility>>Uninstall.



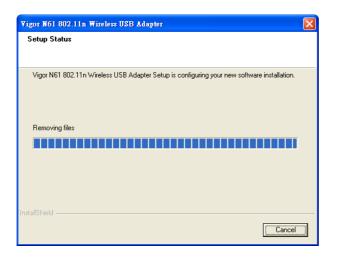
2. The **Preparing Setup** will appear.



3. When the following screen appears, please click **OK**.



4. Now, the system starts to remove the corresponding files.



5. When the following dialog appears, please click **Finish**.

Vigor N61 802.11n Wireless USB Adapter				
Dray Tek	Maintenance Complete InstallShield Wizard has finished performing maintenance operations on Vigor N61 802.11n Wireless USB Adapter Setup.			
	< Back Finish Cancel			

#### 4. Configuration for Accessing Internet

Follow the steps below for the client (station) to access Internet quickly and easily.



on the system

1. Double click on the wireless LAN card icon tray. The Vigor N61 802.11n Wireless USB Adapter Utility window will appear as the following. Click the tab of Configuration.

gor N61 802.11n Wireless USB	Adapter Utility		δ
Configuration Status Option A Available WLANs: To connect to available WLAN	bout		Refresh Connect
1         2100 test         00           1         2700 fine         00:           1         2950-Gen123         00           1         5F         00:           1         as01         00	MAC(BSSID) 50.7F:00:00:00 14:85:D9:54:89 12:08:37:39:7B 50.7F:33:22:11 Preferred WLANs: Automatically come		Security CH WEP 6 Disable 9 Disable 8 Disable 6 Disable 3 N are below
New           Rename           Delete           Select	SSID i Tom i default	Security Open Sy Open Sy	New     Move to       Remoye     Export       Properties     Import       Re-Connect
		ОК	Cancel Apply (A)

The available wireless AP will be displayed automatically. The following figure is just an example. The real available list depends on the AP(s) that found around your computer system.

2. Choose the one (AP) that you want to connect for accessing Internet. In this example, **Tom** is selected. Then, click **Connect**.

Vigor N61 802.11n Wireless USB A	dapter Utility			×
Configuration Status Option Ab	out			
Available WLANs: To connect to available WLAN			Refresh	Connect
SSID 🛆 M	AC(BSSID)	Signal	Security	CH 🔼
PQA-Test 00:50	):7F:DB:F4:70 🍡 🔊	26%	Disable	1
Ralink-AP-PQA 00:18	:02:5D:2E:A9 🛛 🚮	22%	🕬 WPA / WPA2	6
1 Tom 00:14	:85:D8:4C:B0 🛛 🗖	100%	Disable	6
Vigor282011n-kyeh 00:50	:7F:BD:1B:A0 🛛 🔊	82% (	🕬 WEP	2
	:7F:BD:1B:A1 🔰 🔊	82% (	⊗∞ WEP	2 🐷
- TT: 00001/ 1 1 0 00 FG				
Profile Group Control	-Preferred WLANs:			
Please select a profile group to apply :	Automatically conne	ect to available	e WLAN per below	
New	SSID	Securi		Move to
Rename	i Tom	Open :	Sy Remove	Export
Kendille	i default	Open :	Sy N Remove	
Delete	-		Properties	Import
Select				Connect
			OK Cancel	Apply( <u>A</u> )

3. Now your computer can access Internet through the AP selected in such Utility. If you want to set more advanced settings for the wireless card, please refer to User's Manual of Vigor N61 in CD.

Vigor N61 802.11n Wireless USB A	lapter Utility			
Configuration Status Option Abo	ut			
Available WLANs:				
To connect to available WLAN			R <u>e</u> fresh	Connect
SSID 🛆 MA	(BSSID)	Signal	Security	СН 🔼
PQA-Test 00:50	:7F:DB:F4:70 🔊	26%	Disable	1
🛔 Ralink-AP-PQA 00:18:	02:5D:2E:A9 🚮	22% 👳	<ul> <li>WPA / WPA2</li> </ul>	6
<b>?</b> Tom 00:14:	85:D8:4C:B0 🍡 🚚	100%	Disable	6 📃
4	7F:BD:1B:A0 🛛 🔊	82% 👳		2
Vigor282011n-kyeh-1 00:50:	7F:BD:1B:A1 🛛 🗖	82% 😔	• WEP	2 🗸
Profile Group Control Please select a profile group to apply :	Preferred WLANs: Automatically conne	ct to available V	VLAN per below	
New	SSID	Security	<u>N</u> ew	<u>M</u> ove to
Rename	Y Tom	Open Sy	Remove	Export
	🛔 default	Open Sy		
Delete			Properties	Import
Select			<u>-M</u> <u>R</u> e-C	Connect
OK Cancel Apply(a)				

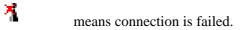
Signal Explanation:

Å

 $\mathbf{Q}$ 

means the AP is ready for you to connect

means connecting to that AP successfully



4. Click the **Status** tab to see if the wireless connection is well or not. You should find the word – **Connected** on the line of Connection Status.

Vigor N61 802.11n Wireless USB Adapter Uti	lity	
Configuration Status Option About		
Connection State		
Connection Status :	Connected	
SSID:	Tom	
BSSID:	00:14:85:D8:4C:B0	
Network Type :	Infrastructure	
Frequency :	802.11g/n-2.4GHz	
Channel :	6	
Data Encryption :	Disable	
Speed :	130.0 Mbps	
Authentication State :	Connected	
Signal Strength :		
Hardware Information	Advance State	
MAC Address : 00:18:02:5D:2E:8A	Radio Status: ON	
Regulatory Domain : ETSI		J
	OK Cancel	Apply

5. Besides, you will find the icon from the system tray indicating that the station can access Internet through the AP (Tom). You can open the following page to check wireless connection again by double clicking the icon.

<sup>((</sup> )) Wireless Network Connection 5 Status	? 🛛
General Support	
Connection	
Status:	Connected
Network:	Tom
Duration:	00:10:05
Speed:	54.0 Mbps
Signal Strength:	0000
Activity Sent —	Received
Packets: 94	12
Properties Disable View Wireles	s Networks
	<u>C</u> lose