DrayTek Vigor2766 G.Fast Security Router Installation Guide

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DrayTek

DrayTek Vigor2766 G.Fast Security Router

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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 0 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 outdoors 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 the 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 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 from time to time in the contents hereof without obligation to notify any person of such revision or changes.

EU Declaration of Conformity

We DrayTek Corp. , office at No.26, Fushing Rd., Hukou, Hsinchu Industrial Park, Hsinchu 303, Taiwan, declare under our sole responsibility that the product

- **Product name:** G.Fast Security Router
- **Model number:** Vigor2766
- **Manufacturer:** DrayTek Corp.
- **Address:** No.26, Flushing Rd., Hukou, Hsinchu Industrial Park, Hsinchu 303, Taiwan.

is in conformity with the relevant Union harmonisation legislation:
EMC Directive 2014/30/EU, Low Voltage Directive 2014/35/EU, ErP 2009/125/EC, and RoHS 2011/65/EU with reference to the following standards

Standard	Version/Issue date
EN 55032	2015+A11:2020
EN 61000-3-2	2019
EN 61000-3-3	2013+A1:2019
EN 55035	2017+A11:2020
EN 62368-1	2014+A11:2017
EC No. 1275/2008	2008

Hsinchu	1st Oct., 2021	Calvin Ma / President
(place)	(date)	(Legal Signature)

Regulatory Information

Federal CC Interference Statement

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 user 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.

USA Local Representative	Company name	ABP International Inc.		
	Address	13988 Diplomat Drive Suite 180 Dallas TX 75234		
	ZIP Code	75234	E-mail	rmesser@abptech.com
	Contact Person	Mr. Robert Messer	Tel.	19728311600

Caution
Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

For more updates, please visit **www.draytek.com**.

The external power supply used for each product will be model dependent.

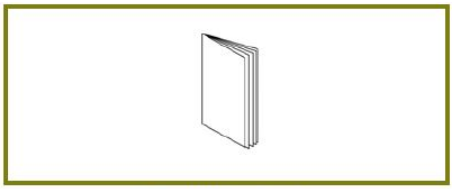
		1	2	3	4	5	6	7	8	9
A	Manufacturer	CWT	CWT	CWT	CWT	CWT	APD	APD	APD	APD
B	Address	No. 222, Sec. 2, Nankan Rd., Lujhu Township, Taoyuan County 338, Taiwan	No. 222, Sec. 2, Nankan Rd., Lujhu Township, Taoyuan County 338, Taiwan	No. 222, Sec. 2, Nankan Rd., Lujhu Township, Taoyuan County 338, Taiwan	No. 222, Sec. 2, Nankan Rd., Lujhu Township, Taoyuan County 338, Taiwan	No. 222, Sec. 2, Nankan Rd., Lujhu Township, Taoyuan County 338, Taiwan	No.5, Lane 83, Lung-Sou St., Taoyuan City 330, Taiwan	No.5, Lane 83, Lung-Sou St., Taoyuan City 330, Taiwan	No.5, Lane 83, Lung-Sou St., Taoyuan City 330, Taiwan	No.5, Lane 83, Lung-Sou St., Taoyuan City 330, Taiwan
C	Model identifier	2ABB012F UK 2ABB012F EU	2ABB018F UK 2ABB018F EU	2ABL024F UK 2ABL024F EU	2ABL030F UK 2ABL030F EU	2ABN036F UK 2ABN036F EU	WA-12M12FG WA-12M12FK	WB-18D12FG WB-18D12FK	WA-24Q12FG WA-24Q12FK	WA-36A12FG WA-36A12FK
D	Input voltage	100~240V	100~240V	100~240V	100~240V	100~240V	100~240V	100~240V	100~240V	100~240V
E	Input AC frequency Output voltage DC	50/60Hz 12.0V	50/60Hz 12.0V	50/60Hz 12.0V	50/60Hz 12.0V	50/60Hz 12.0V	50/60Hz 12.0V	50/60Hz 12.0V	50/60Hz 12.0V	50/60Hz 12.0V
F	Output current	1.0A	1.5A	2.0A	2.5A	3.0A	1.0A	1.5A	2.0A	3.0A
G	Output power	12.0W	18.0W	24.0W	30.0W	36.0W	12.0W	18.0W	24.0W	36.0W
H	Average active efficiency	84.9%	86.2%	87.6%	87.8%	89.8%	83.7%	85.4%	88.6%	88.2%
I	Efficiency at low load 10%	73.6%	78.0%	81.3%	83.3%	83.7%	74.5%	80.5%	86.4%	85.4%
J	No-load power consumption	0.07W	0.07W	0.07W	0.07W	0.07W	0.07W	0.10W	0.07W	0.10W

External power supply (Power Adapter) information. For more updates, please visit **www.draytek.com**.

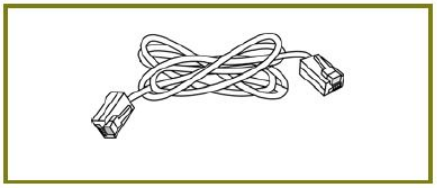
Package Content

Take a look at the package content. If there is anything missed or damaged, please contact DrayTek or dealer immediately.

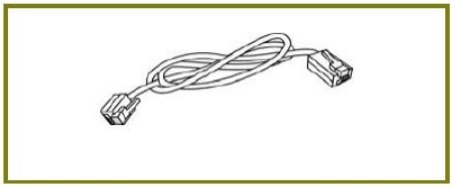
Vigor router



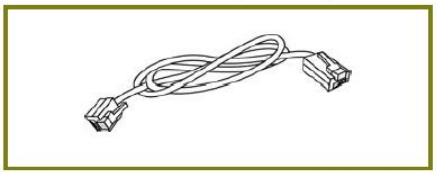
Quick Start Guide



RJ-45 Cable (Ethernet)



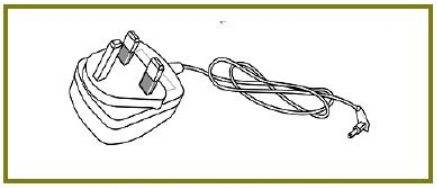
RJ-11 to RJ-11 Cable (Annex A)



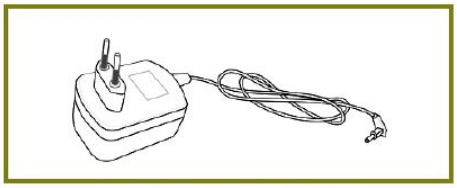
RJ-11 to RJ-45 Cable (Annex B)

RJ-45 to RJ-45 Cable (Annex B)

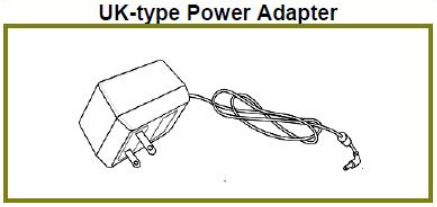
The type of power adapter depends on the country in that the router will be installed. * The maximum power consumption is 15 Watt.



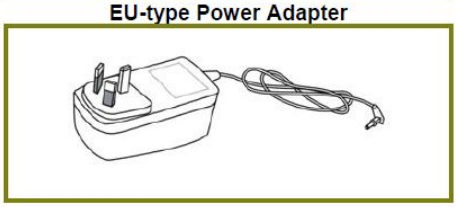
UK-type Power Adapter



EU-type Power Adapter



USA/Taiwan-type Power Adapter



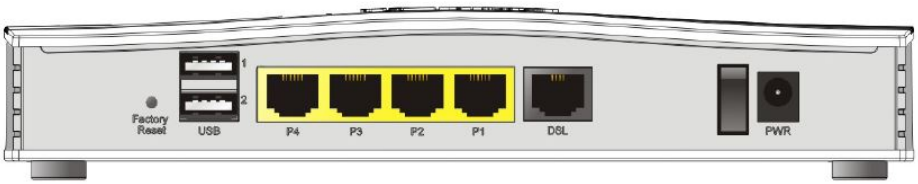
AU/NZ-type Power Adapter

Note
Remove the protective film from the router before use to ensure ventilation.

Panel Explanation

Vigor276

LED	Status		Explanation
(Activity)	Blinking		The router is powered on and running normally.
	Off		The router is powered off.
(DSL)	Orange	On	The DSL link up, waiting for the Internet connection.
		Blinking	Slowly - The DSL connection is ready for training. Quickly - The DSL connection is synchronizing.
	Green	On	The router is ready to access to the Internet through DSL link.
		Blinking	The data is transmitting.
(LAN1/2/3/4)	On		The LAN port is connected.
	Blinking		The data is transmitting.
	Off		The LAN port is disconnected.
(USB)	On		A USB device is connected and active.
	Blinking		The data is transmitting.



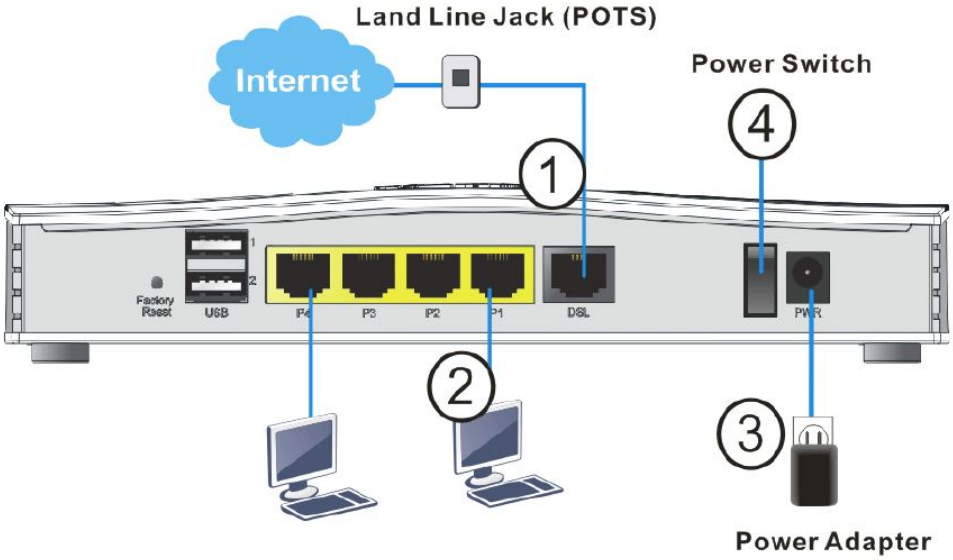
Interface	Description
	Restore the default settings.
Factory Reset	Usage: Turn on the router (ACT LED is blinking). Press the hole and keep for more than 5 seconds. When you see the ACT LED begins to blink rapidly than usual, release the button. Then the router will restart with the factory default configuration.
USB1~USB2	Connector for a USB device (for 3G/4G USB Modem or printer).
P1~P4	Connectors for local networked devices.
DSL	Connector for accessing the Internet.
I / O	Power Switch.
PWR	Connector for a power adapter.

Hardware Installation

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.

Network Connection

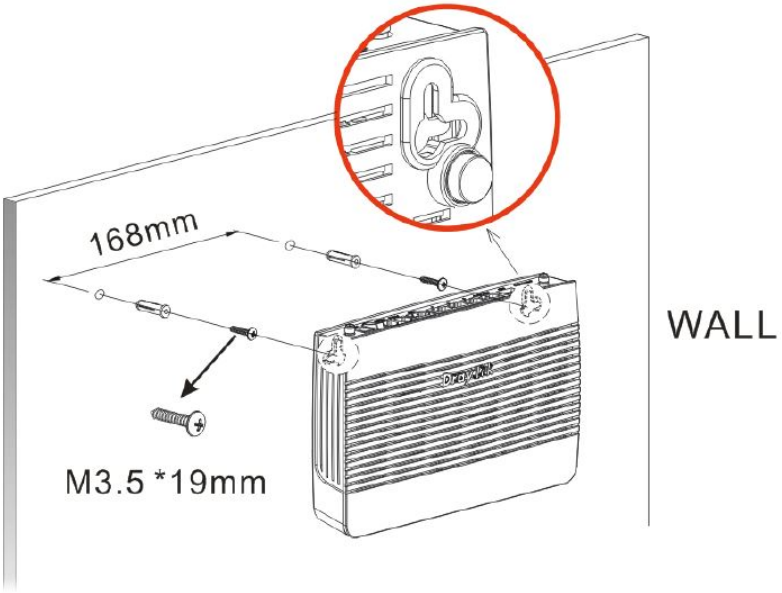
1. Connect the DSL interface to the land line jack with a DSL line cable.
2. Connect one port of 4-port switch to your computer with a RJ-45 cable. This device allows you to connect 4 PCs directly.
3. Connect one end of the power cord to the power port of this device. Connect the other end to the wall outlet of electricity.
4. Power on the router.
5. Check the ACT and DSL, LAN LEDs to assure network connection.



(For detailed information of LED status, please refer to section 2.1.)

Wall-Mounted Installation
Vigor router has keyhole-type mounting slots on the underside.

1. Drill two holes on the wall. The distance between the holes shall be 168mm.
2. Fit screws into the wall using the appropriate type of wall plug.



3. With the screws installed, the router can be slotted into place.
   Note
   The recommended drill diameter shall be 6.5mm (1/4").
4. When you finished about the procedure, the router has been mounted on the wall firmly.

Software Configuration

To access Internet, please finish basic configuration after completing the hardware installation. Here we take Vigor2766 as an example. 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.

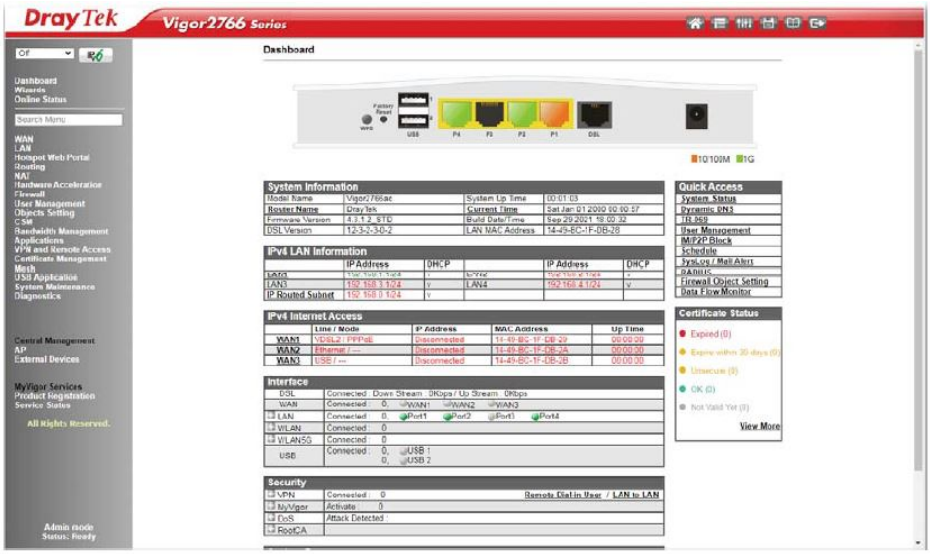
Make sure your PC connects to the router correctly.

Note
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 detailed information, please refer to the section – Trouble Shooting in the User's Guide.

Open a web browser on your PC and type http://192.168.1.1. A pop-up window will open to ask for a username and password. Please type "admin/admin" as the

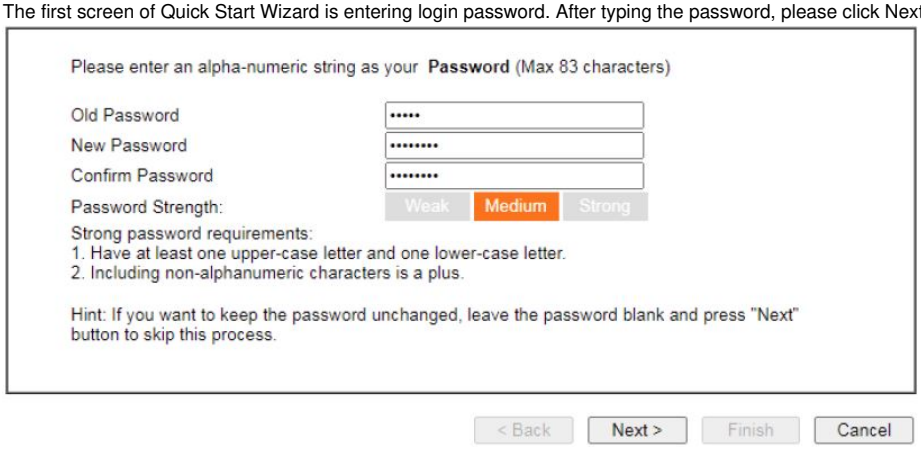
Username/Password and click Login.

Now, the Main Screen will pop up. Click Wizards>>Quick Start Wizard.



Note
The home page will change slightly in accordance with the router you have.

The first screen of Quick Start Wizard is entering login password. After typing the password, please click Next.

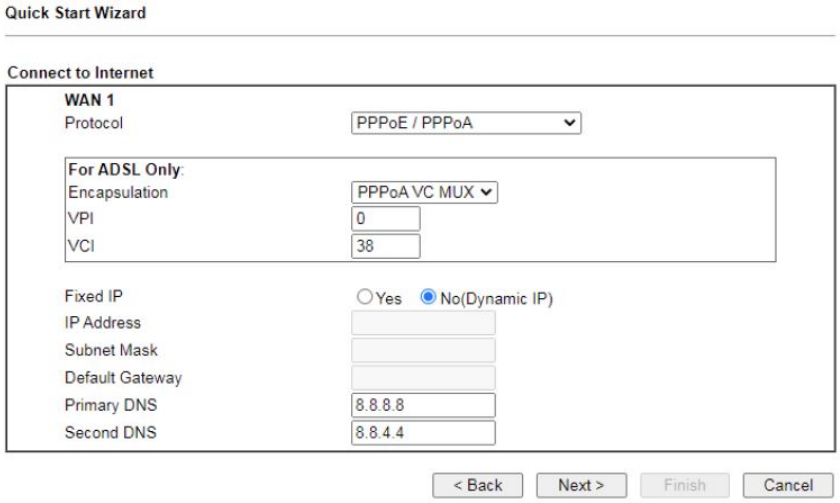


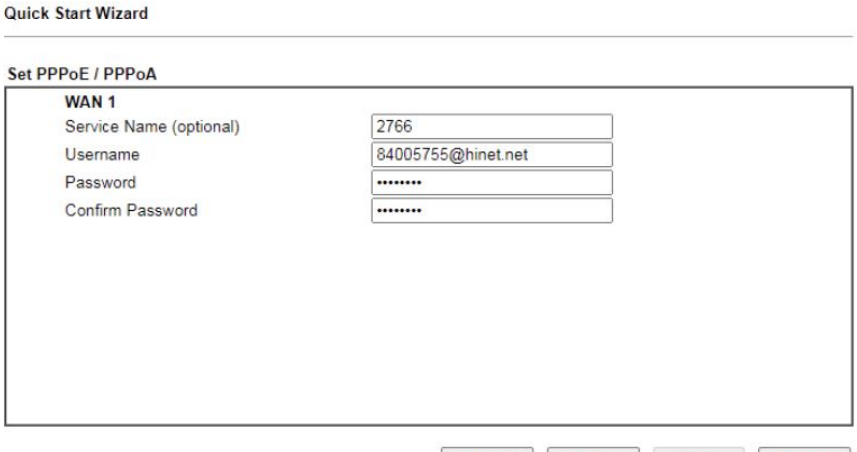
On the next page as shown below, please select the WAN interface that you use. If DSL interface is used, please choose WAN1; if Ethernet interface is used, please choose WAN2; if 3G USB modem is used, please choose WAN3. Then click Next for next step. WAN1, WAN2 and WAN3 will bring up different configuration page. Here, we take WAN1 (ADSL/VDSL2/G.fast) as an example.

On the next page as shown below, please select the appropriate protocol according to the information from your ISP. For example, you should select PPPoE mode if the ISP provides you PPPoE interface. Then click Next for next step.

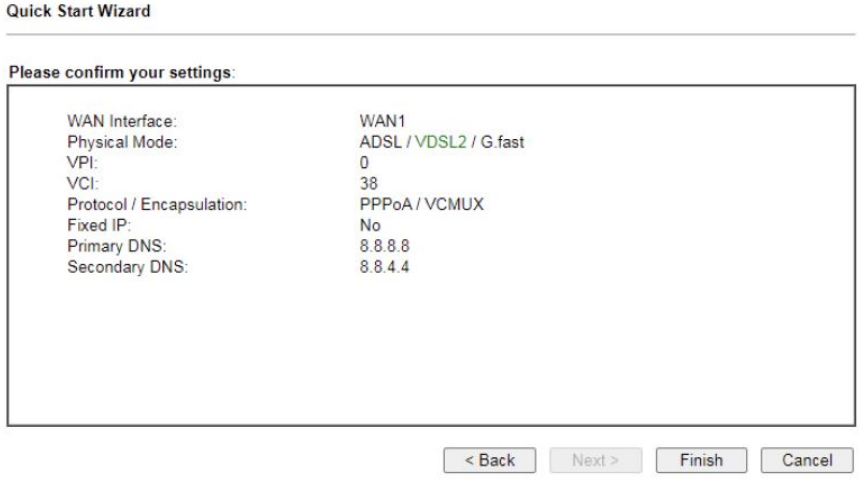
PPPoE/PPPoA

1. Choose WAN1 as WAN Interface and click the Next button; you will get the following page.





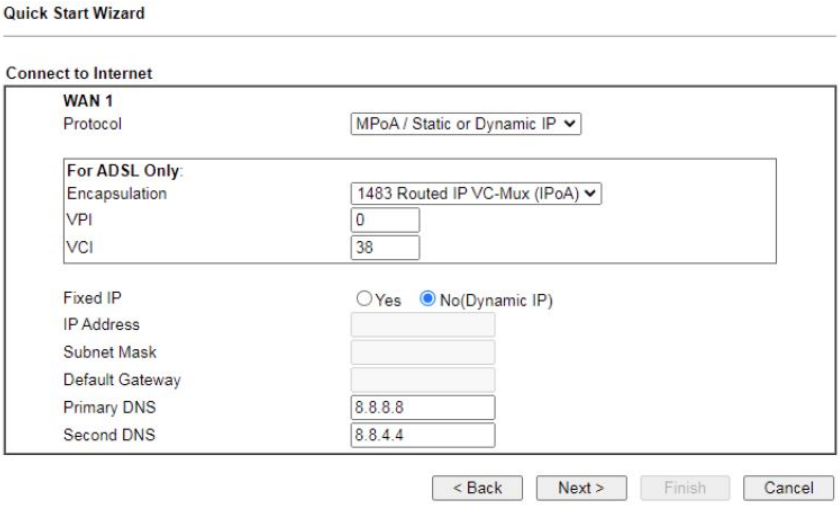
2. After finishing the above settings, simply click Next.
3. Please manually enter the Username/Password provided by your ISP. Then click Next for viewing a summary of such a connection.



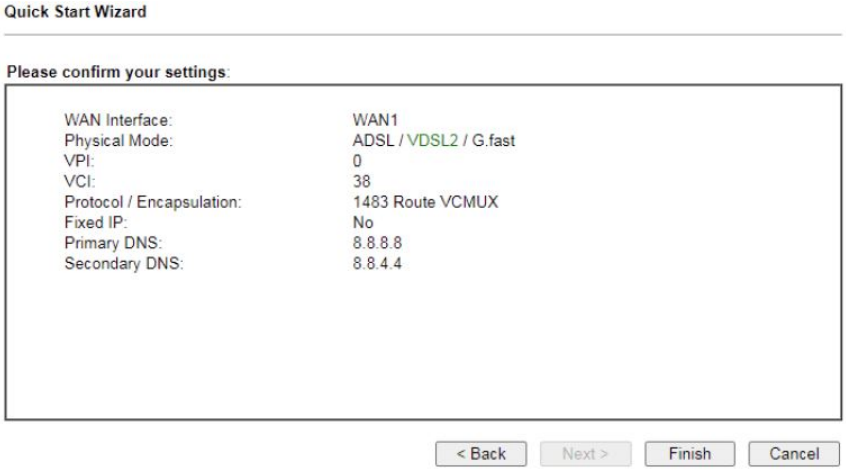
4. Click Finish. A page of Quick Start Wizard Setup is OK!!! will appear. Then, the system status of this protocol will be shown.
5. Now, you can enjoy surfing the Internet.

MPoA/Static or Dynamic IP

1. Choose WAN1 as WAN Interface and click the Next button; you will get the following page.



2. Please type in the IP address/mask/gateway information originally provided by your ISP. Then click Next for viewing a summary of such a connection.



3. Click Finish. A page of Quick Start Wizard Setup is OK! will appear. Then, the system status of this protocol will be shown.
4. Now, you can enjoy surfing on the Internet.

Customer Service

If the router cannot work correctly after trying many efforts, please contact your dealer/DrayTek for further help right away. For any questions, please feel free to send an e-mail to "**support@draytek.com**".
BBee aa RReeggiisstteerreedd OOwwnneerr
Web registration is preferred. You can register your Vigor router via
https://myvigor.draytek.com.

Firmware & Tools Updates
Due to the continuous evolution of DrayTek technology, all routers will be regularly upgraded. Please consult the DrayTek website for more information on the newest firmware, tools, and documents.
https://www.draytek.com.

Documents / Resources

DrayTek Vigor2766 G.Fast Security Router [pdf] Installation Guide
Vigor2766 G.Fast Security Router, Vigor2766, G.Fast Security Router, Security Router, Router

References

- Home | DrayTek
- MyVigor - DrayTek
- Home | DrayTek

Manuals+,

- home
- privacy