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DrayTek 2765AX Vigor Router User Guide

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DrayTek 2765AX Vigor 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 be 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 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 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.

Declaration of Conformity
Hereby, DrayTek Corporation declares that the radio equipment type Vigor2135ax, Vigor2765ax, Vigor2766ax series router is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address:

- **https://www.draytek.com.tw/ftp/Vigor2765ax/Document/CE/**
- **https://www.draytek.com.tw/ftp/Vigor2766ax/Document/CE/**
- **https://www.draytek.com.tw/ftp/Vigor2135ax/Document/CE/**

Manufacturer: DrayTek Corp.
Address: No. 26, Fushing Rd., Hukou, Hsinchu Industrial Park, Hsinchu 303, Taiwan Product: Vigor2135ax, Vigor2765ax, Vigor2766ax series router Frequency Information for Europe area:

2.4G WLAN	2412MHz – 2472 MHz, max. TX power: 19.79dBm	*1
5G WLAN	5160MHz – 5340 MHz, max. TX power: 22.74dBm TX power: 29.88dBm	*2 5480MHz – 5720 MHz, max.
	Requirements in UK. 5150MHz~5350MHz is for indoor use only.	

(*1: for 2.4G WLAN model; *2: for 5G WLAN model) This product is designed for DSL and 2.4GHz /5GHz WLAN network throughout the EC region

Declaration of Conformity
Hereby, DrayTek Corporation declares that the radio equipment type Vigor2135ax, Vigor2765ax, Vigor2766ax series router is in compliance with Regulation SI 2017 No. 1206.
The full text of the UKCA Declaration of Conformity is available at the following internet address:

- **https://www.draytek.com.tw/ftp/Vigor2765ax/Document/UKCA/**
- **https://www.draytek.com.tw/ftp/Vigor2766ax/Document/UKCA/**
- **https://www.draytek.com.tw/ftp/Vigor2135ax/Document/UKCA/**

Manufacturer: DrayTek Corp. Address: No. 26, Fushing Rd., Hukou, Hsinchu Industrial Park, Hsinchu 303, Taiwan Product: Vigor2135ax, Vigor2765ax, Vigor2766ax series router Importer: SEG, 11 Capital Business Park, Borehamwood, Herts, WD6 1GW Frequency Information for UK area

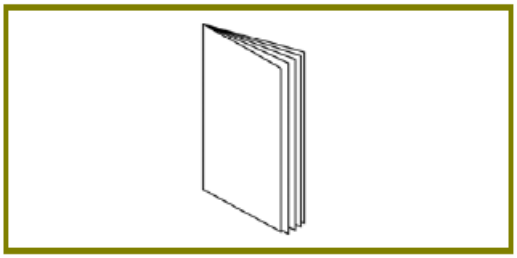
2.4G WLAN	2412MHz – 2472 MHz, max. TX power: 19.79dBm	*1
5G WLAN	5160MHz – 5340 MHz, max. TX power: 22.74dBm TX power: 29.88dBm	*2 5480MHz – 5720 MHz, max.
	Requirements in UK. 5150MHz~5350MHz is for indoor use only.	

(*1: for 2.4G WLAN model; *2: for 5G WLAN model) This product is designed for DSL and 2.4GHz /5GHz WLAN network use in the UK & Ireland

Package Content

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

Router

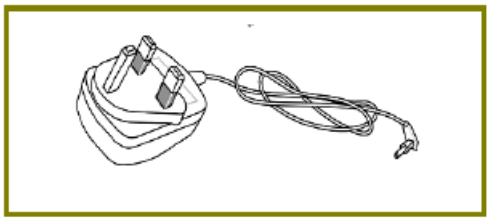


Quick Start Guide

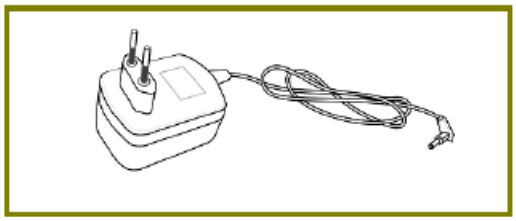
RJ-45 Cable (Ethernet)

RJ-11 to RJ-11 Cable (Annex A)
RJ45 to RJ45 Cable (Annex B)
RJ11 to RJ45 Cable (Annex B)

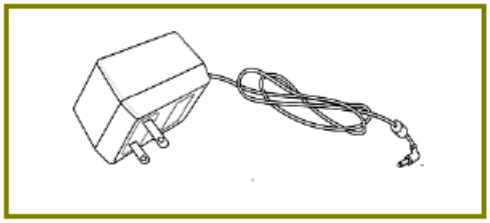
The type of the power adapter depends on the country that the router will be installed. * The maximum power consumption is 27.6 Watt.



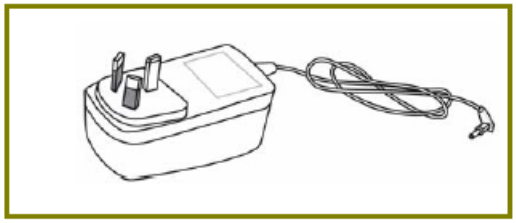
UK-type power adapter



EU-type power adapter



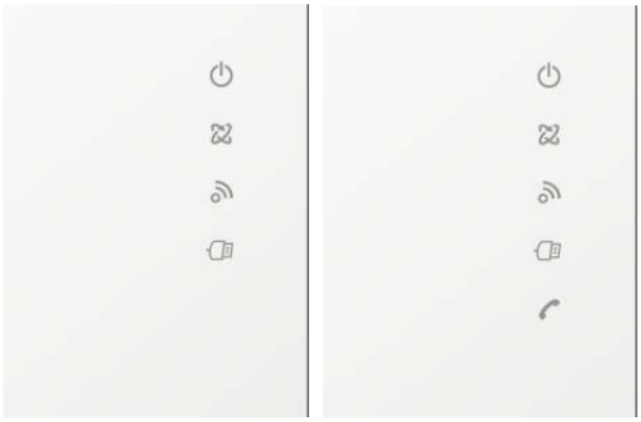
USA/Taiwan-type power adapter



AU/NZ-type Power Adapter

Panel Explanation

Broadband Router Vigor2135ax, Vigor2135Vax

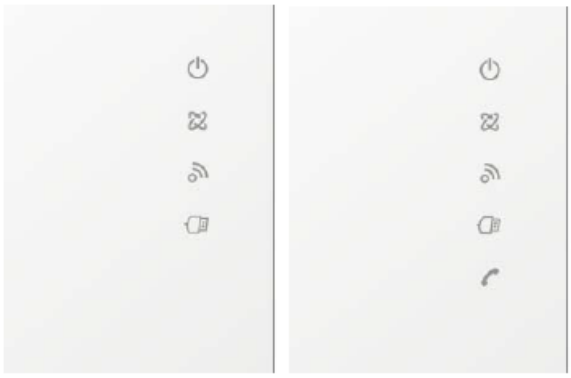


Vigor2135ax Vigor2135Vax

LED	Status	Explanation
ACT	Off	The system is not ready or is failed.
	Blinking	The system is ready and can work normally.
	Blinking with WLAN	WPS is enabled and waiting for the response from the wireless client.
WAN	On	Internet connection is ready.
	Blinking	The data is transmitting.
	Off	Internet connection is not ready.
WLAN	Off	Wireless function is not ready.
	On	Wireless function is ready.
	Blinking	Data is transmitting (sending/receiving).
	Blinking with WLAN	WPS is enabled and waiting for the response from the wireless client.
USB	On	A USB device is connected and active.
	Blinking	The data is transmitting.
(for "V" model)	On	The phone connected to this port is off-hook.
	Off	The phone connected to this port is on-hook.
	Blinking	A phone call comes.

Interface	Description
WLAN ON/OFF WPS	Wireless band will be switched /changed according to the button pressed and released. For example, ● 2.4G (On) and 5G (On) - in default. ● 2.4G (Off) and 5G (On) - pressed and released the button once. ● 2.4G (On) and 5G (Off) - pressed and released the button twice. ● 2.4G (Off) and 5G (Off) - pressed and released the button three times. WPS - When WPS function is enabled by web user interface, press this button for more than 2 seconds. The router will wait for any wireless client connecting to it through WPS.
	Power switch.
	PWR: Connecter for a power adapter.
Phone2/1	(for "V" model) Connector of analog phone for VoIP communication.
LAN P4-P1	Connectors for local networked devices. ● Left LED on - The port is connected. ● Left LED off - The port is disconnected. ● Left LED Blinking - The data is transmitting. ● Right LED on -The port is connected with 1000Mbps. ● Right LED off - The port is connected with 10/100 Mbps.
WAN	Connector for accessing the Internet. ● Left LED on - The port is connected. ● Left LED off - The port is disconnected. ● Left LED Blinking - The data is transmitting. ● Right LED on -The port is connected with 1000Mbps. ● Right LED off - The port is connected with 10/100 Mbps.
USB	Connector for USB devices (for 3G/4G USB Modem or printer).
Factory Reset	Restore the default settings. Usage: Turn on the router. Press the button and keep for more than 10 seconds. Then the router will restart with the factory default configuration.

35b Security Router Vigor2765ax, Vigor2765Vax

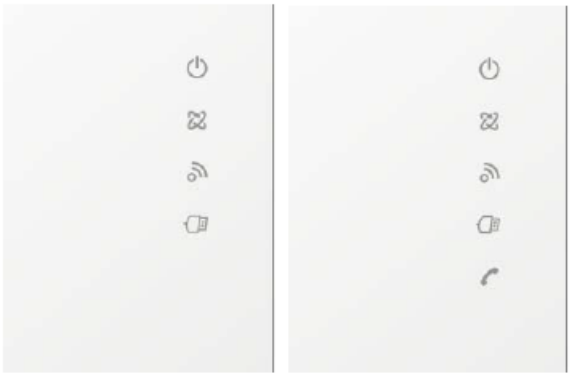


Vigor2765ax Vigor2765Vax

LED	Status		Explanation
ACT	Off		The system is not ready or is failed.
	Blinking		The system is ready and can work normally.
	Blinking with WLAN		WPS is enabled and waiting for the response from the wireless client.
DSL	Orange	On	The DSL link up, waiting for the Internet connection. Slowly - The DSL connection is ready for training. Quickly - The DSL connection is synchronizing.
		Blinking	
	Green	On	The router is ready to access to the Internet through DSL link.
		Blinking	The data is transmitting.
WLAN	Off		Wireless function is not ready.
	On		Wireless function is ready.
	Blinking		Data is transmitting (sending/receiving).
	Blinking with WLAN		WPS is enabled and waiting for the response from the wireless client.
USB	On		A USB device is connected and active.
	Blinking		The data is transmitting.
(for "V" model)	On		The phone connected to this port is off-hook.
	Off		The phone connected to this port is on-hook.
	Blinking		A phone call comes.

Interface	Description
WLAN ON/OFF WPS	Wireless band will be switched /changed according to the button pressed and released. For example, ● 2.4G (On) and 5G (On) - in default. ● 2.4G (Off) and 5G (On) - pressed and released the button once. ● 2.4G (On) and 5G (Off) - pressed and released the button twice. ● 2.4G (Off) and 5G (Off) - pressed and released the button three times. WPS - When WPS function is enabled by web user interface, press this button for more than 2 seconds. The router will wait for any wireless client connecting to it through WPS.
	Power switch.
	PWR: Connecter for a power adapter.
 Phone2/1	(for "V" model) Connector of analog phone for VoIP communication.
 LAN P4-P1	Connectors for local networked devices. ● Left LED on - The port is connected. ● Left LED off - The port is disconnected. ● Left LED Blinking - The data is transmitting. ● Right LED on -The port is connected with 1000Mbps. ● Right LED off - The port is connected with 10/100 Mbps.
 DSL	Connector for accessing the Internet.
 USB	Connector for a USB device (for 3G/4G USB Modem or printer).
Factory Reset	Restore the default settings. Usage: Turn on the router. Press the button and keep for more than 10 seconds. Then the router will restart with the factory default configuration.

G.Fast Security Router Vigor2766ax, Vigor2766Vax



Vigor2766ax Vigor2766Vax

LED	Status		Explanation
ACT	Off		The system is not ready or is failed.
	Blinking		The system is ready and can work normally.
	Blinking with WLAN		WPS is enabled and waiting for the response from the wireless client.
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.
WLAN	Off		Wireless function is not ready.
	On		Wireless function is ready.
	Blinking		Data is transmitting (sending/receiving).
	Blinking with WLAN		WPS is enabled and waiting for the response from the wireless client.
USB	On		A USB device is connected and active.
	Blinking		The data is transmitting.
(for "V" model)	On		The phone connected to this port is off-hook.
	Off		The phone connected to this port is on-hook.
	Blinking		A phone call comes.

Interface	Description
WLAN ON/OFF WPS	Wireless band will be switched /changed according to the button pressed and released. For example, ● 2.4G (On) and 5G (On) - in default. ● 2.4G (Off) and 5G (On) - pressed and released the button once. ● 2.4G (On) and 5G (Off) - pressed and released the button twice. ● 2.4G (Off) and 5G (Off) - pressed and released the button three times. WPS - When WPS function is enabled by web user interface, press this button for more than 2 seconds. The router will wait for any wireless client connecting to it through WPS.
	Power switch.
	PWR: Connecter for a power adapter.
Phone2/1	(for "V" model) Connector of analog phone for VoIP communication.
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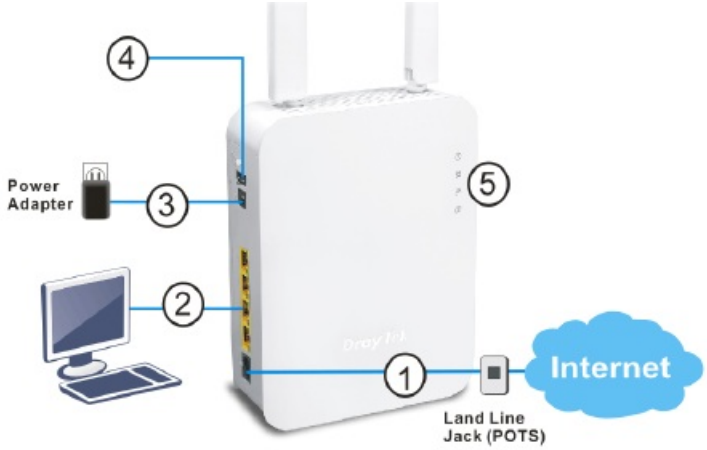
DSL	Connector for accessing the Internet.
USB	Connector for a USB device (for 3G/4G USB Modem or printer).
Factory Reset	Restore the default settings. Usage: Turn on the router. Press the button and keep for more than 10 seconds. Then the router will restart with the factory default configuration.

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

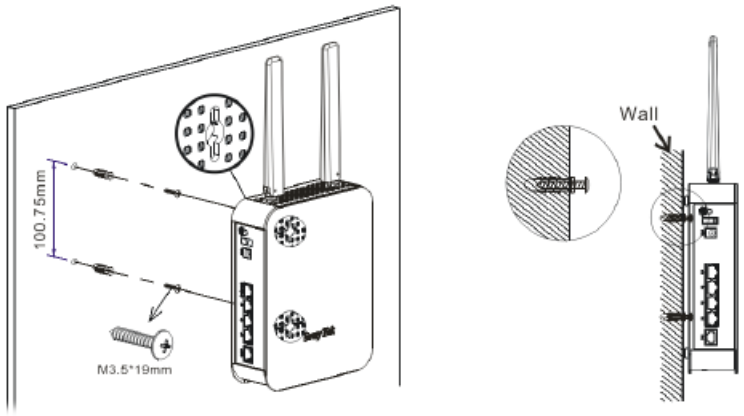
1. Connect the DSL interface to the land line jack with a DSL line cable.
2. Connect one port of 4-port switch to your computer with a RJ-45 cable. This device allows you to connect 4 PCs directly.
3. Connect one end of the power cord to the power port of this device. Connect the other end to the wall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



(Here we take Vigor2765ax as an example.)

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 100.75mm. The recommended drill diameter shall be 6.5mm (1/4”).
2. Fit screws into the wall using the appropriate type of screw plug.
3. Hang the Vigor router directly onto the screws.

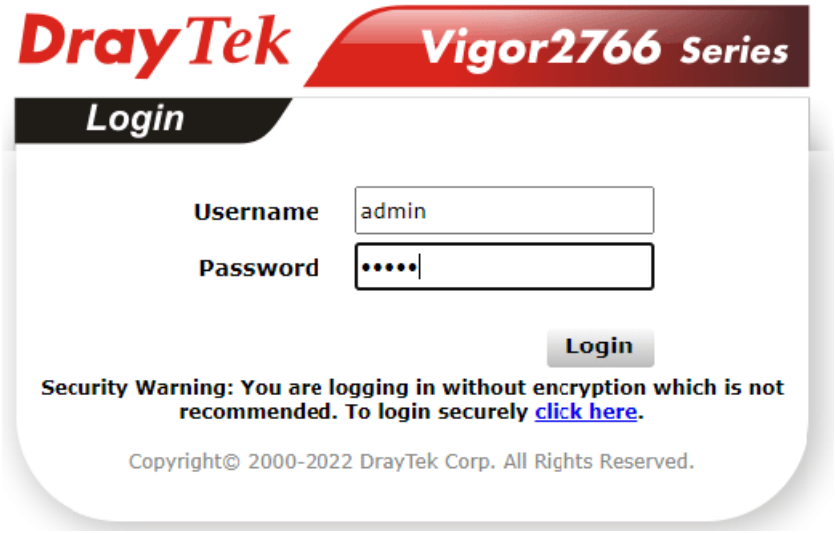


(Here we take Vigor2765ax as an example.)

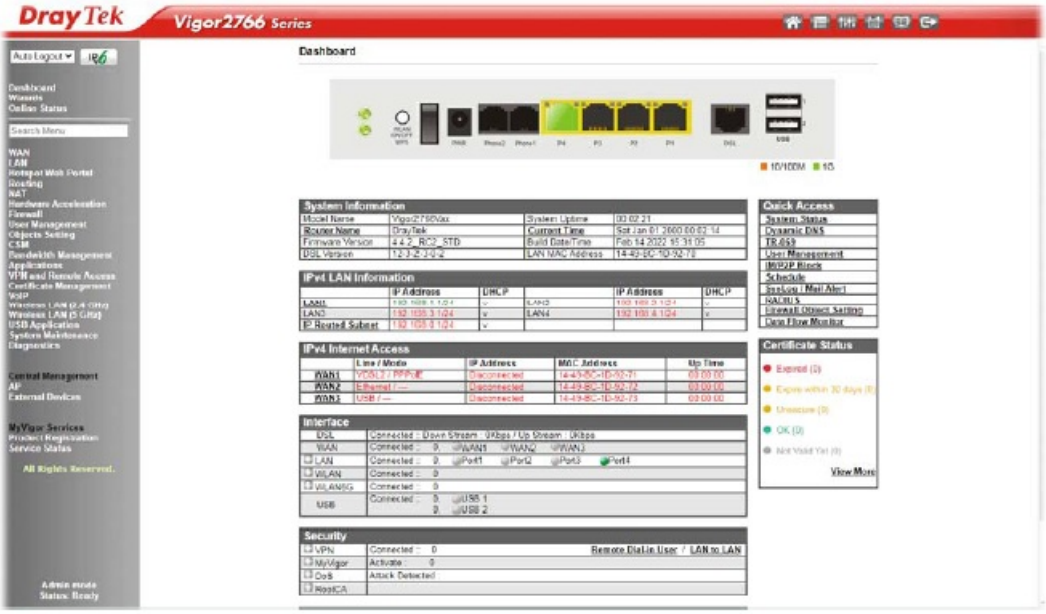
Software Configuration

To access Internet, please finish basic configuration after completing the hardware installation. 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 the detailed information, please refer to the section – Trouble Shooting in the User’s Guide. Open a web browser on your PC and type **https://192.168.1.1**. A pop-up window will open to ask for username and password. Please type “admin/admin” as the Username/Password and click Login. Here, we take Vigor2766Vax series as an example.

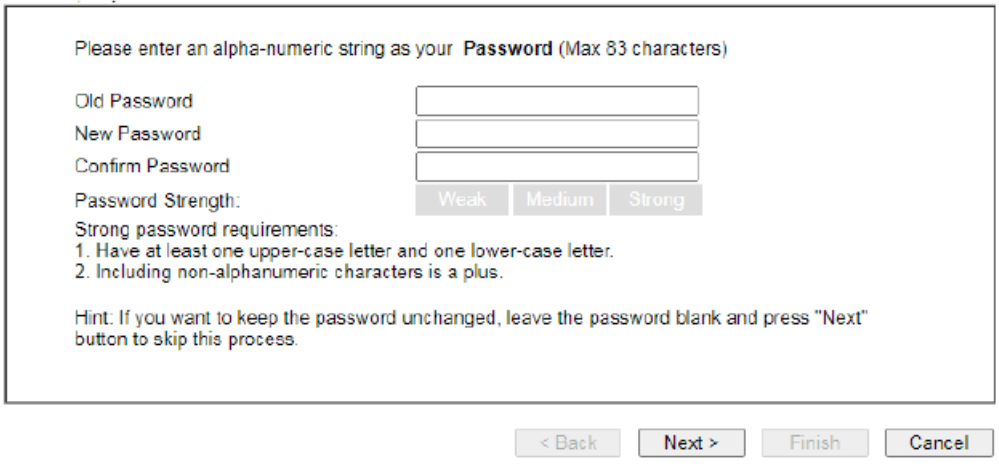


Now, the Main Screen will pop up. Click Wizards>>Quick Start Wizard.

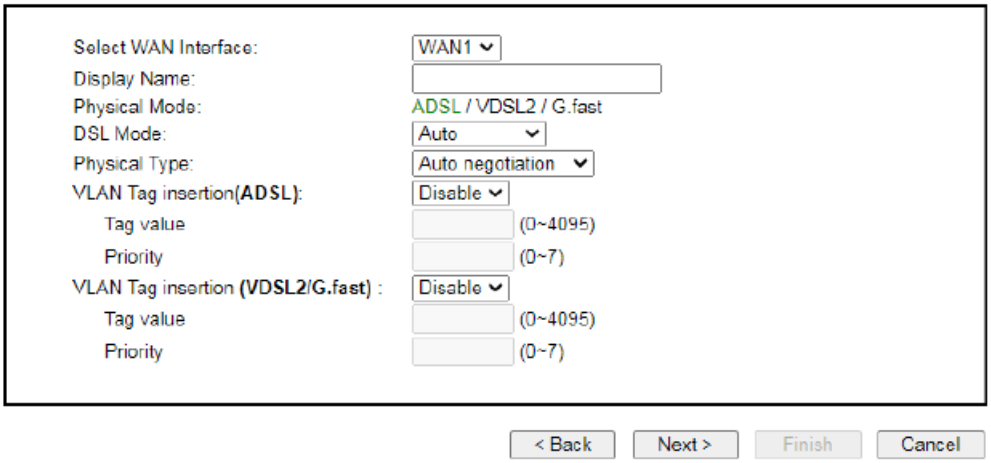


Note
The home page will change slightly in accordance with the router you have.

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



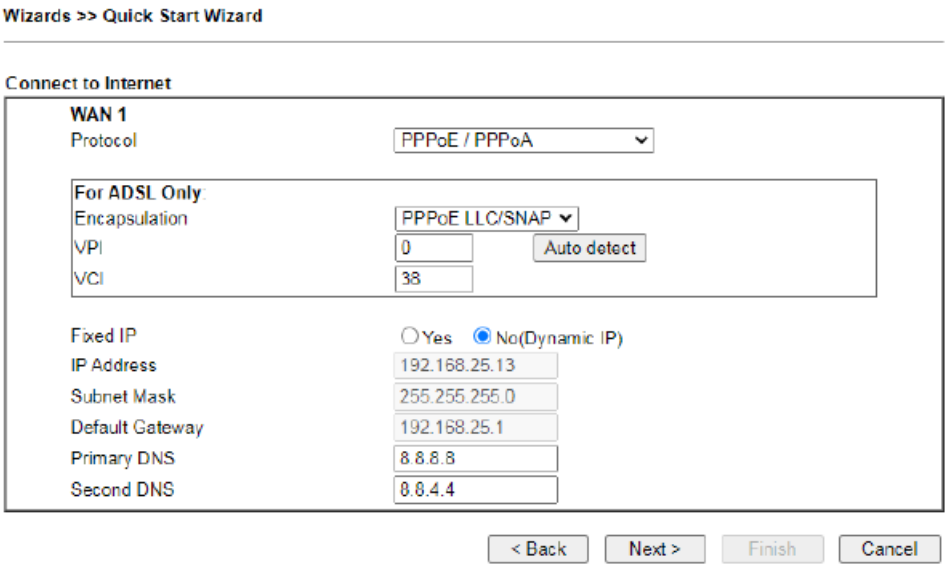
On the next page as shown below, please select the WAN interface that you use. If DSL interface is used, please choose WAN1; if Ethernet interface is used, please choose WAN2; if 3G USB modem is used, please choose WAN3. Then click Next for next step. WAN1, WAN2 and WAN3 will bring up different configuration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



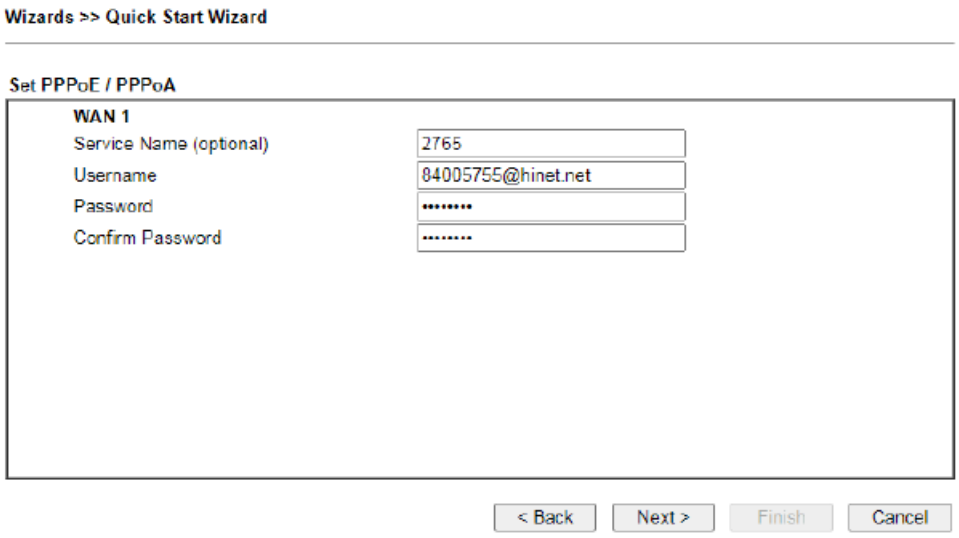
On the next page as shown below, please select the appropriate protocol according to the information from your ISP. For example, you should select PPPoE mode if the ISP provides you PPPoE interface. Then click Next for next step.

PPPoE/PPPoA

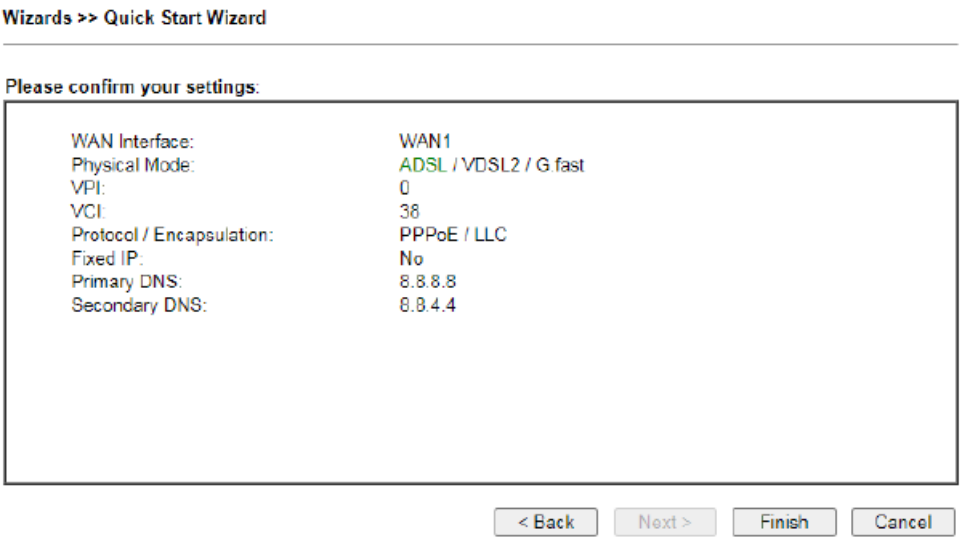
1. Choose WAN1 as WAN Interface and click the Next button; you will get the following page.



2. After finished the above settings, simply click Next.



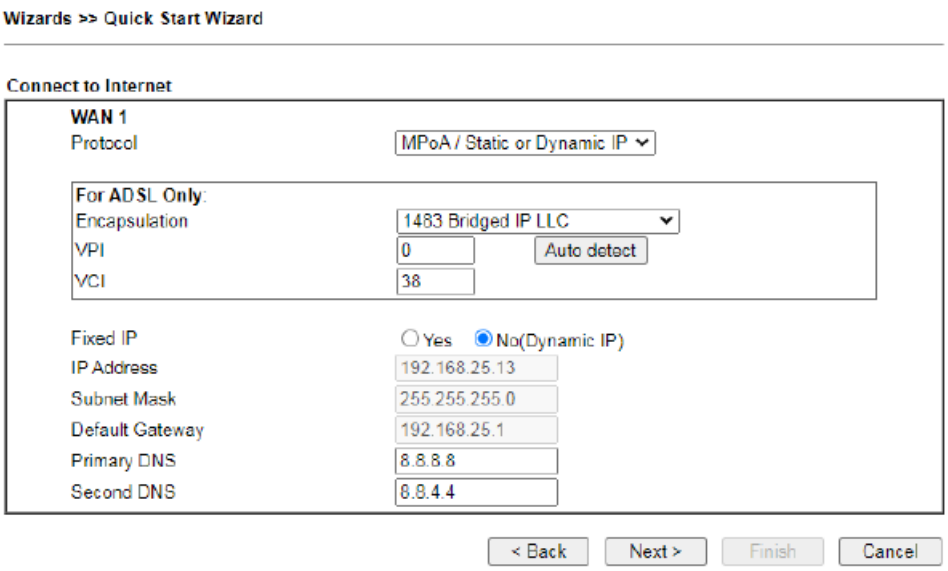
3. Please manually enter the Username/Password provided by your ISP. Then click Next for viewing summary of such connection.



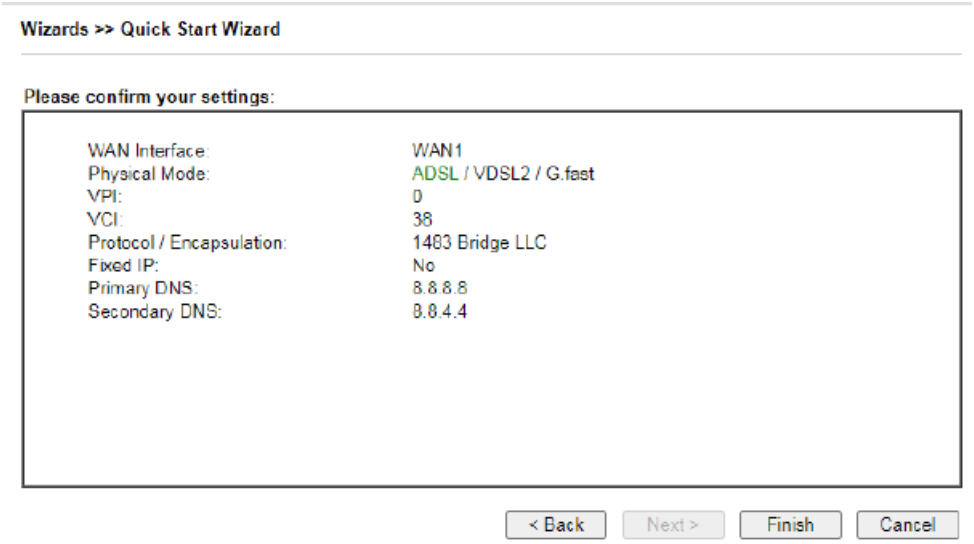
4. Finish. A page of Quick Start Wizard Setup OK!!! will appear. Then, the system status of this protocol will be shown.
5. Now, you can enjoy surfing on the Internet.

MPoA /Static or Dynamic IP

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



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



3. Click Finish. A page of Quick Start Wizard Setup 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 e-mail to "**support@draytek.com**".

Be a Registered Owner
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 web site for more information on newest firmware, tools and documents. **https://www.draytek.com**

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 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.

RF Exposure Warning
This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

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. The antenna/transmitter should be kept at least 20 cm away from human body. More update, please visit www.draytek.com.

Documents / Resources

	DrayTek 2765AX Vigor Router [pdf] User Guide 2765AX, VGY2765AX, 2765AX Vigor Router, Vigor Router

References

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