



DrayTek Vigor2866 Series G.Fast Security Firewall User Guide

[Home](#) » [DrayTek](#) » DrayTek Vigor2866 Series G.Fast Security Firewall User Guide 

DrayTek Vigor2866 Series G.Fast Security Firewall User Guide



Contents

- [1 Package Content](#)
- [2 Panel Explanation](#)
- [3 Hardware Installation](#)
- [4 Software Configuration](#)
- [5 Safety Instructions and Approval](#)
- [6 Warranty](#)
- [7 EU Declaration of Conformity](#)
- [8 Regulatory Information](#)
- [9 Customer Service](#)
- [10 Documents / Resources](#)
 - [10.1 References](#)
- [11 Related Posts](#)

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

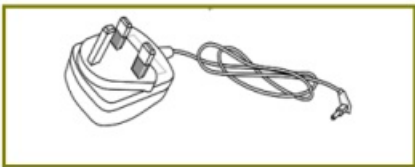


RJ-45 Cable (Ethernet)

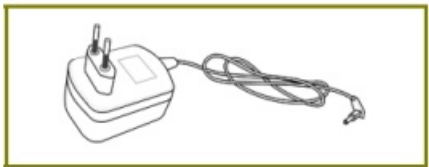


RJ-11 to RJ-11 Cable or RJ-11 to RJ-45 Cable

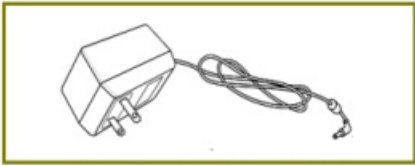
The type of the power adapter depends on the country that the router will be installed. * The maximum power consumption is 22 Watt.



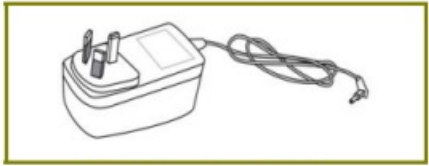
UK-type Power Adapter



EU-type Power Adapter



USA/Taiwan-type Power Adapter



AU/NZ-type Power Adapter

Panel Explanation



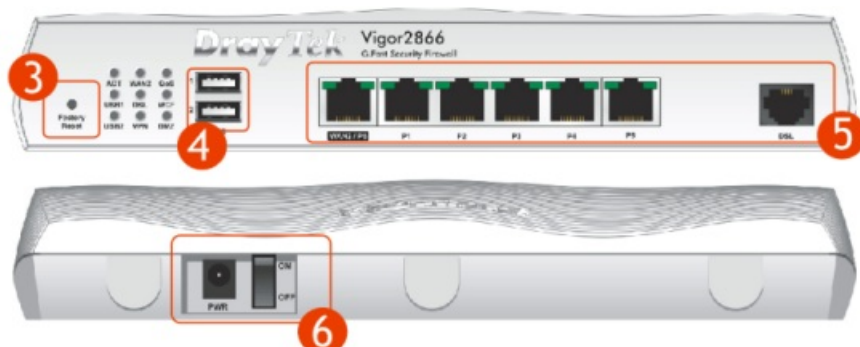
No.		LED	Status		Explanation
	ACT		Off	The router is powered off.	
			Blinking	The router is powered on and running normally.	

(1)

WAN2	On	Internet connection is ready.
	Off	Internet connection is not ready.
	Blinking	The data is transmitting.
	On	The QoS function is active.
	Off	The QoS function is inactive.
	On	USB device is connected and ready for use.
	Off	No USB device is connected.
	Blinking	The data is transmitting.
	On	The router is ready to access Internet through DSL link.
	Blinking	Slowly: The DSL connection is ready. Quickly: The connection is training.
	On	The Web Content Filter is active. (It is enabled from Firewall >> General Setup).
	Off	WCF is disabled.
VPN	On	The VPN tunnel is active.
	Off	VPN services are disabled

		Blinking	Traffic is passing through VPN tunnel.
	DMZ	On	The DMZ function is enabled.
		Off	The DMZ function is disabled.
		Blinking	The data is transmitting.
(2)	WAN2 / P6		
	Left LED	On	The port is connected.
		Off	The port is disconnected.
		Blinking	The data is transmitting.
	Right LED	On	The port is connected with 1000Mbps.
		Off	The port is connected with 10/100Mbps.
	LAN P1-P5		
	Left LED	On	The port is connected.
		Off	The port is disconnected.
		Blinking	The data is transmitting.

	Right LED	On	The port is connected with 1000Mbps.
		Off	The port is connected with 10/100Mbps



No.	Interface	Description
(3)	Factory Reset	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.
(4)	USB1~2	Connector for a USB device (for 3G/4G USB Modem or printer or thermometer).
(5)	WAN2 / P6	Connector for local network devices or modem for accessing Internet. It is a switchable port. It can be used for LAN connection or WAN connection according to the settings configured in WUI.
	LAN P1-P5	Connectors for local network devices.
	DSL	Connector for accessing the Internet.
(6)	PWR	Connector for a power adapter.
	ON/OFF	Power Switch.

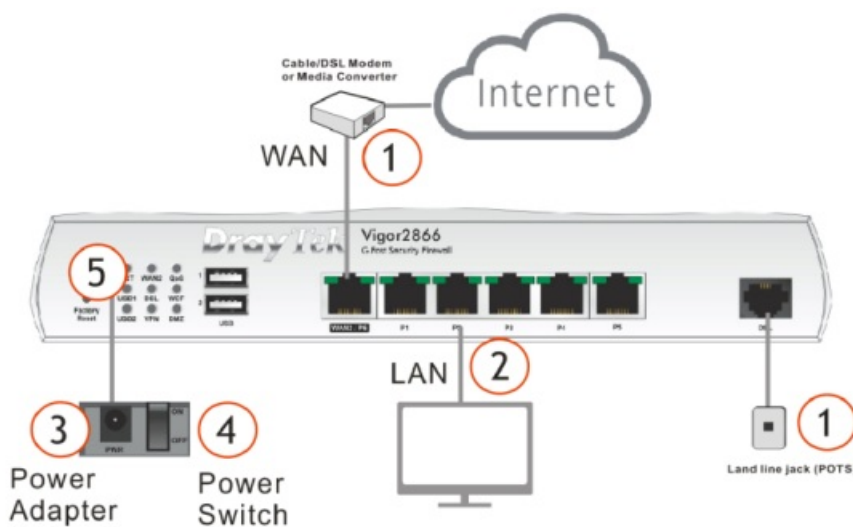
Hardware Installation

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

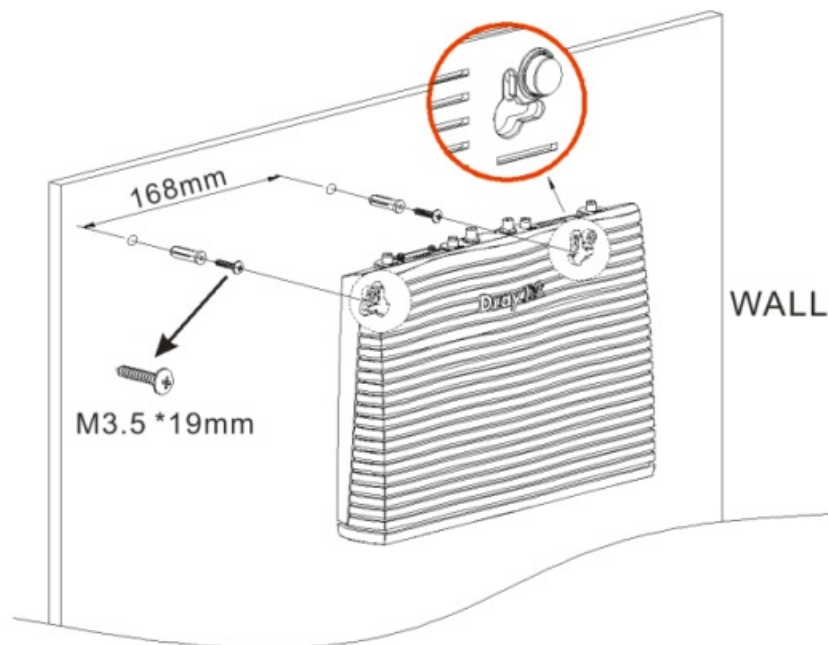
1. Connect the DSL interface to the land line jack with a DSL line cable, or Connect the cable Modem/DSL Modem/Media Converter to the WAN port of router with Ethernet cable (RJ-45).
2. Connect one end of an Ethernet cable (RJ-45) to one of the LAN ports of the router and the other end of the cable (RJ-45) into the Ethernet port on your computer.
3. Connect one end of the power adapter to the router's power port on the rear panel, and the other side into a wall outlet.
4. Power on the device by pressing down the power switch on the rear panel.
5. The system starts to initiate. After completing the system test, the ACT LED will light up and start blinking. (For the detailed information of LED status, please refer to section 2. Panel Explanation)



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.



Note

The recommended drill diameter shall be 6.5mm (1/4").

3. When you finished about procedure, the router has been mounted on the wall firmly.

Software Configuration

To access Internet, please finish basic configuration after completing the hardware installation.

Quick Start Wizard for Network Connection

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 User Interface. 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 – Trouble Shooting of 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 username and password. Please enter "admin/admin" as the Username/Password and click Login.

DrayTek Vigor2866 Series

Login

Username

Password

Language ▼

Login

Security Warning: You are logging in without encryption which is not recommended. To login securely [click here](#).

Copyright© 2000-2021 DrayTek Corp. All Rights Reserved.



Note

If you fail to access to the web configuration, please go to “Trouble Shooting” on User’s Guide for detecting and solving your problem.

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

DrayTek Vigor2866 Series

Dashboard

Model Name: Vigor2866, System Up Time: 0:00:14, Status: OK, CPU: 0%, Memory: 0%, LAN: 0%, WAN: 0%, USB: 0%, DMZ: 0%

System Information

Item	Value
Model Name	Vigor2866
System Up Time	0:00:14
Status	OK
CPU	0%
Memory	0%
LAN	0%
WAN	0%
USB	0%
DMZ	0%

LAN Information

Port	IP Address	Subnet	Mask	Gateway
LAN1	192.168.1.1	24	255.255.255.0	192.168.1.1
LAN2	192.168.1.2	24	255.255.255.0	192.168.1.1
LAN3	192.168.1.3	24	255.255.255.0	192.168.1.1
LAN4	192.168.1.4	24	255.255.255.0	192.168.1.1
LAN5	192.168.1.5	24	255.255.255.0	192.168.1.1
LAN6	192.168.1.6	24	255.255.255.0	192.168.1.1
LAN7	192.168.1.7	24	255.255.255.0	192.168.1.1
LAN8	192.168.1.8	24	255.255.255.0	192.168.1.1
LAN9	192.168.1.9	24	255.255.255.0	192.168.1.1
LAN10	192.168.1.10	24	255.255.255.0	192.168.1.1

WAN Information

Port	IP Address	Subnet	Mask	Gateway
WAN1	192.168.1.1	24	255.255.255.0	192.168.1.1
WAN2	192.168.1.2	24	255.255.255.0	192.168.1.1
WAN3	192.168.1.3	24	255.255.255.0	192.168.1.1
WAN4	192.168.1.4	24	255.255.255.0	192.168.1.1
WAN5	192.168.1.5	24	255.255.255.0	192.168.1.1
WAN6	192.168.1.6	24	255.255.255.0	192.168.1.1
WAN7	192.168.1.7	24	255.255.255.0	192.168.1.1
WAN8	192.168.1.8	24	255.255.255.0	192.168.1.1
WAN9	192.168.1.9	24	255.255.255.0	192.168.1.1
WAN10	192.168.1.10	24	255.255.255.0	192.168.1.1

Interface

Port	Connected	Speed	Stream	MTU	Up	Down
LAN1	Connected	10	1000	1500	1000	1000
LAN2	Connected	10	1000	1500	1000	1000
LAN3	Connected	10	1000	1500	1000	1000
LAN4	Connected	10	1000	1500	1000	1000
LAN5	Connected	10	1000	1500	1000	1000
LAN6	Connected	10	1000	1500	1000	1000
LAN7	Connected	10	1000	1500	1000	1000
LAN8	Connected	10	1000	1500	1000	1000
LAN9	Connected	10	1000	1500	1000	1000
LAN10	Connected	10	1000	1500	1000	1000

Security

Port	Connected	Speed	Stream	MTU	Up	Down
WAN1	Connected	10	1000	1500	1000	1000
WAN2	Connected	10	1000	1500	1000	1000
WAN3	Connected	10	1000	1500	1000	1000
WAN4	Connected	10	1000	1500	1000	1000
WAN5	Connected	10	1000	1500	1000	1000
WAN6	Connected	10	1000	1500	1000	1000
WAN7	Connected	10	1000	1500	1000	1000
WAN8	Connected	10	1000	1500	1000	1000
WAN9	Connected	10	1000	1500	1000	1000
WAN10	Connected	10	1000	1500	1000	1000



Note

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

If your router can be under an environment with high speed NAT, the configuration provide here can help you to deploy and use the router quickly. The first screen of Quick Start Wizard is entering login password. After typing the password, please click Next.

Quick Start Wizard

Enter login password

Please enter an alpha-numeric string as your **Password** (Max 23 characters).

Old Password
New Password
Confirm Password

Hint: If you want to keep the password unchanged, leave the password blank and press "Next" button to skip this process.

< Back Next > Finish Cancel

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 WAN5 or WAN6.

Then click Next for next step. WAN1, WAN2, WAN5 and WAN6 will bring up different configuration page. Here, we take WAN1 as an example.

Quick Start Wizard

WAN Interface

WAN Interface:
Display Name:
Physical Mode: ADSL / **VDSL2** / G.fast
DSL Mode:
Physical Type:
VLAN Tag insertion (**ADSL**):
VLAN Tag insertion (**VDSL2**):

< Back Next > Finish Cancel

Click Next to go to the following page. You have to select the appropriate Internet access type according to the information from your ISP. For example, you should select PPPoA mode if the ISP provides you PPPoA interface. In addition, the field of For ADSL Only will be available only when ADSL is detected. Then click Next for next step.

Connect to Internet

WAN 1	
Protocol	MPoA / Static or Dynamic IP ▼
For ADSL Only:	
Encapsulation	1483 Bridged IP LLC ▼
VPI	0 Auto detect
VCI	33
Fixed IP	<input type="radio"/> Yes <input checked="" type="radio"/> No(Dynamic IP)
IP Address	
Subnet Mask	
Default Gateway	
Primary DNS	8.8.8.8
Second DNS	8.8.4.4

< Back Next > Finish Cancel

PPPoE/PPPoA

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

Quick Start Wizard

Connect to Internet

WAN 1	
Protocol	PPPoE / PPPoA ▼
For ADSL Only:	
Encapsulation	PPPoE LLC/SNAP ▼
VPI	0 Auto detect
VCI	33
Fixed IP	<input type="radio"/> Yes <input checked="" type="radio"/> No(Dynamic IP)
IP Address	
Subnet Mask	
Default Gateway	
Primary DNS	8.8.8.8
Second DNS	8.8.4.4

< Back Next > Finish Cancel

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

Quick Start Wizard

Set PPPoE / PPPoA

WAN 1	
Service Name (Optional)	CHTI
Username	77494727@hinet.net
Password	*****
Confirm Password	*****

< Back Next > Finish Cancel

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

Quick Start Wizard

Please confirm your settings:

WAN Interface:	WAN1
Physical Mode:	ADSL / VDSL2
VPI:	0
VCI:	33
Protocol / Encapsulation:	PPPoE / LLC
Fixed IP:	No
Primary DNS:	8.8.8.8
Secondary DNS:	8.8.4.4

< Back Next > Finish Cancel

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

MPoA / Static or Dynamic IP

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

Quick Start Wizard

Connect to Internet

WAN 1	
Protocol	MPoA / Static or Dynamic IP ▼
For ADSL Only:	
Encapsulation	1483 Bridged IP LLC ▼
VPI	0 Auto detect
VCI	33
Fixed IP	<input type="radio"/> Yes <input checked="" type="radio"/> No(Dynamic IP)
IP Address	<input type="text"/>
Subnet Mask	<input type="text"/>
Default Gateway	<input type="text"/>
Primary DNS	8.8.8.8
Second DNS	8.8.4.4

< Back Next > Finish Cancel

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

Quick Start Wizard

Please confirm your settings:

WAN Interface:	WAN1
Physical Mode:	ADSL / VDSL2
VPI:	0
VCI:	33
Protocol / Encapsulation:	PPPoE / LLC
Fixed IP:	No
Primary DNS:	8.8.8.8
Secondary DNS:	8.8.4.4

< Back Next > Finish Cancel

- 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.

Intellectual Property Rights (IPR) Information

Copyrights

© All rights reserved. This publication contains information that is protected by copyright. No part may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language without written permission from the copyright holders.

Trademarks

The following trademarks are used in this document:

- Microsoft is a registered trademark of Microsoft Corp.
- Windows, Windows 8, 10 and Explorer are trademarks of Microsoft Corp.
- Apple and Mac OS are registered trademarks of Apple Inc.
- Other products may be trademarks or registered trademarks of their respective manufacturers.

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.

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: VDSL2 Security Firewall
- Model number: Vigor2866
- Manufacturer: DrayTek Corp.
- Address: No.26, Fushing 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+AC:2016 class B
EN 61000-3-2	2014 Class A
EN 61000-3-3	2013
EN 55024	2010+A1:2015
EN 62368-1	2014+A11:2017
EC No. 1275/2008	2008

Hsinchu

(place)

26th May, 2020

(date)

A handwritten signature in black ink that reads 'Calvin Ma'.

Calvin Ma / President .

(Legal Signature)

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.

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

External Power Supply ErP Information

		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, Nank an Rd., Lujhu T ownshi p, Taoy uan Co unty 33 8, Taiw an	No. 222 , Sec. 2, Nank an Rd., Lujhu T ownshi p, Taoy uan Co unty 33 8, Taiw an	No. 222 , Sec. 2, Nank an Rd., Lujhu T ownshi p, Taoy uan Co unty 33 8, Taiw an	No. 222 , Sec. 2, Nank an Rd., Lujhu T ownshi p, Taoy uan Co unty 33 8, Taiw an	No. 222 , Sec. 2, Nank an Rd., Lujhu T ownshi p, Taoy uan Co unty 33 8, Taiw an	No.5, L ane 83, Lung-S ou St., Taoyua n City 3 30, Tai wan	No.5, L ane 83, Lung-S ou St., Taoyua n City 3 30, Tai wan	No.5, L ane 83, Lung-S ou St., Taoyua n City 3 30, Tai wan	No.5, L ane 83, Lung-S ou St., Taoyua n City 3 30, Tai wan
C	Model identifi er	2ABB0 12F UK	2ABB0 18F UK	2ABL02 4F UK	2ABL03 0F UK	2ABN0 36F UK	WA-12 M12FG	WB-18 D12FG	WA-24 Q12FG	WA-36 A12FG
		2ABB0 12F EU	2ABB0 18F EU	2ABL02 4F EU	2ABL03 0F EU	2ABN0 36F EU	WA-12 M12FK	WB-18 D12FK	WA-24 Q12FK	WA-36 A12FK
D	Input voltage	100~24 0V	100~24 0V	100~24 0V	100~24 0V	100~24 0V	100~24 0V	100~24 0V	100~24 0V	100~24 0V
E	Input AC freq uency	50/60H z	50/60H z	50/60H z	50/60H z	50/60H z	50/60H z	50/60H z	50/60H z	50/60H z
	Output voltag e DC	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V
F	Output curren t	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 update, please visit www.draytek.com.

Customer Service

If the router 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.





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>

Documents / Resources

	<p>DrayTek Vigor2866 Series G.Fast Security Firewall [pdf] User Guide Vigor2866 Series, G.Fast Security Firewall</p>
	<p>DrayTek Vigor2866 Series G.Fast Security Firewall [pdf] User Guide Vigor2866 Series, G.Fast Security Firewall</p>
	<p>DrayTek Vigor2866 Series G.Fast Security Firewall [pdf] User Guide 2865, VGY2865, Vigor2866 Series G.Fast Security Firewall, G.Fast Security Firewall</p>
	<p>DrayTek Vigor2866 Series G.Fast Security Firewall [pdf] User Guide Vigor2866 Series G.Fast Security Firewall, Vigor2866 Series, G.Fast Security Firewall, Security Firewall, Firewall</p>

References

- [D Home | DrayTek](#)
- [D Index of /Vigor2865/Document/CE](#)
- [D Home | DrayTek](#)
- [G Index of /Vigor2866/Document/CE](#)
- [G MyVigor - DrayTek](#)
- [D Home | DrayTek](#)
- [D Index of /Vigor2866/Document/CE](#)