Manuals+ — User Manuals Simplified.

DrayTek Vigor2927ac Dual WAN Security Router User Guide

Vigor2927ac Dual WAN Security Router
User Guide

Contents

Intellectual Property Rights (IPR) Information

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 +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 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.

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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

1. Product name: Dual-WAN Security Router
2. Model number: Vigor2927
3. Manufacturer: DrayTek Corp.
4. Address: No.26, Fushing Rd., Hukou, Hsinchu Industrial Park, Hsinchu 303, Taiwan.

is in conformity with the relevant Union harmonization 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
EN IEC 63000:2018	2018
EC No. 1275/2008	2008

Hsinchu
(place)

2nd January, 2020
(date)

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.

*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	2ABB018F UK	2ABL024F UK	2ABL030F UK	2ABN036F UK	WA-12M12FG	WB-18D12FG	WA-24Q12FG	WA-36A12FG
		2ABB012F EU	2ABB018F EU	2ABL024F EU	2ABL030F EU	2ABN036F EU	WA-12M12FK	WB-18D12FK	WA-24Q12FK	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	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
	Output voltage DC	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	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 update, please visit **www.draytek.com**.
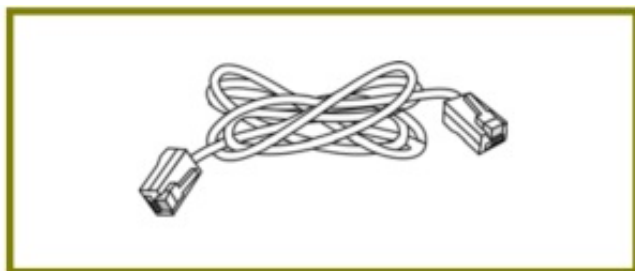
Package Content

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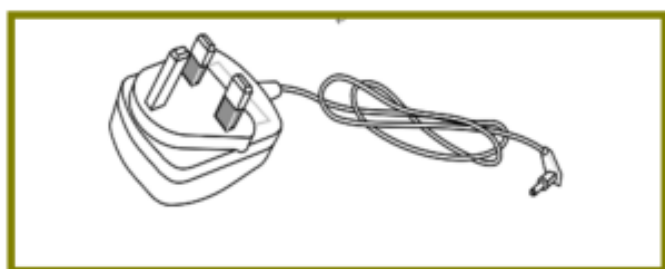

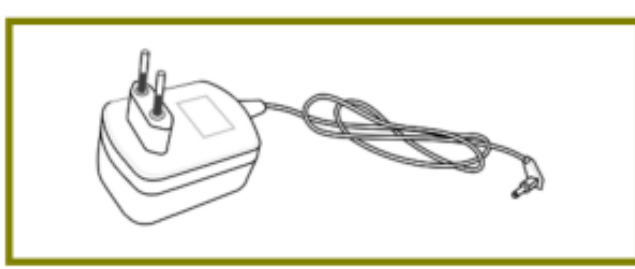**Vigor Router**

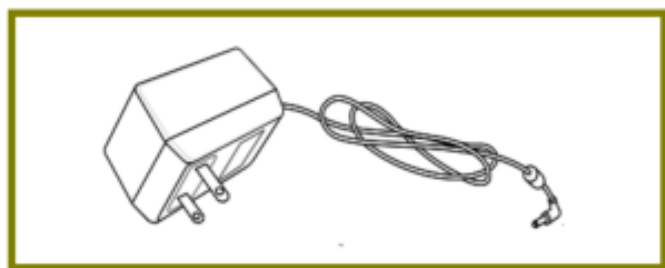**RJ-45 Cable (Ethernet)**

Quick Start Guide

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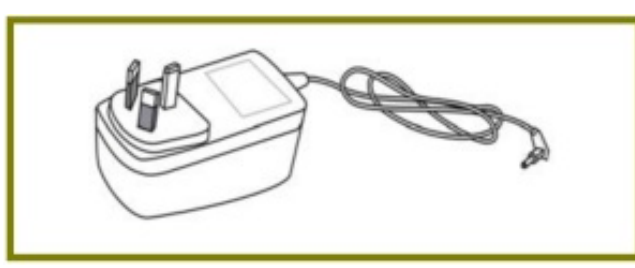

UK-type Power Adapter

EU-type Power Adapter

USA/Taiwan-type Power Adapter

AU/NZ-type Power Adapter

Panel Explanation

Vigor2927

No.	LED	Status	Explanation
(1)	ACT	Off	The router is powered off.
		Blinking	The router is powered on and running normally.
	WAN2/WAN1	On	Internet connection is ready.
		Off	Internet connection is not ready.
		Blinking	The data is transmitting.
	USB1/USB2	On	USB device is connected and ready for use.
		Off	No USB device is connected.
		Blinking	The data is transmitting.
	DMZ	On	The DMZ function is enabled.
		Off	The DMZ function is disabled.
		Blinking	The data is transmitting.
	QoS	On	The QoS function is active.
		Off	The QoS function is inactive.
	VPN	On	The VPN tunnel is active.
		Off	VPN services are disabled
		Blinking	Traffic is passing through VPN tunnel.
	WCF	On	The Web Content Filter is active. (It is enabled from **Firewall >> General Setup**).
		Off	WCF is disabled.
(2)	WAN1,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)	USB	Connecter for a USB device (for 3G/4G USB Modem or printer or thermometer).
(5)	WAN1	Connecter for local network devices or modem for accessing Internet.
	WAN2 / P6	Connecter 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	Connecters for local network devices.
(6)	PWR	Connecter 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 cable Modem/DSL Modem/Media Converter to any 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 3. Panel Explanation)
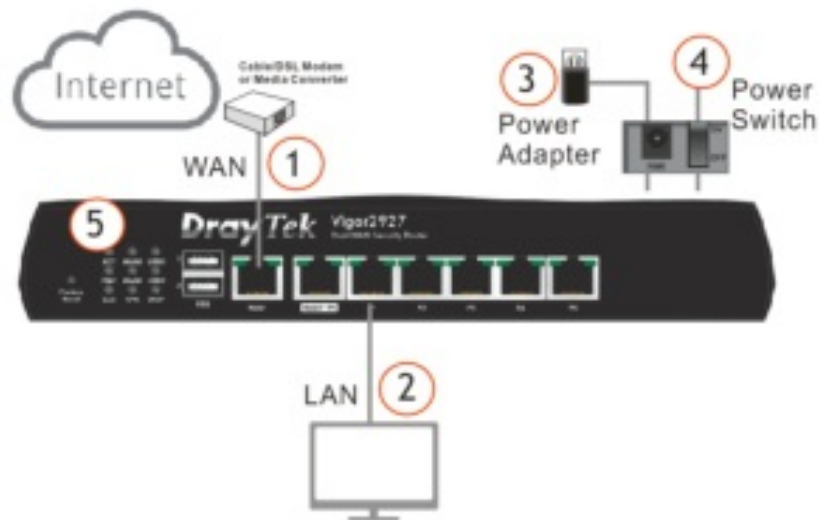
Wall-Mounted Installation

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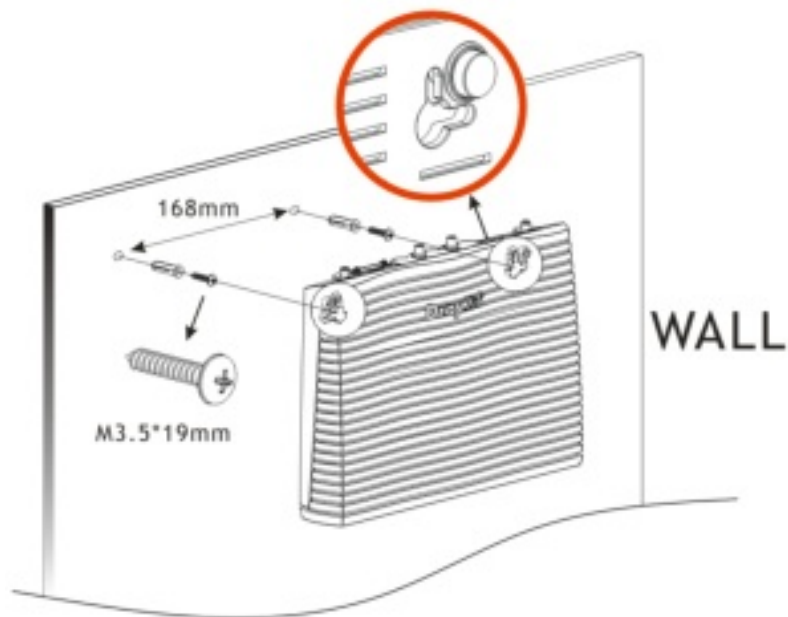
💡 **Note**	The recommended drill diameter shall be 6.5mm (1/4").

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.
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.

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.**

Now, the Main Screen will pop up. Click Wizards>>Quick Start Wizard.
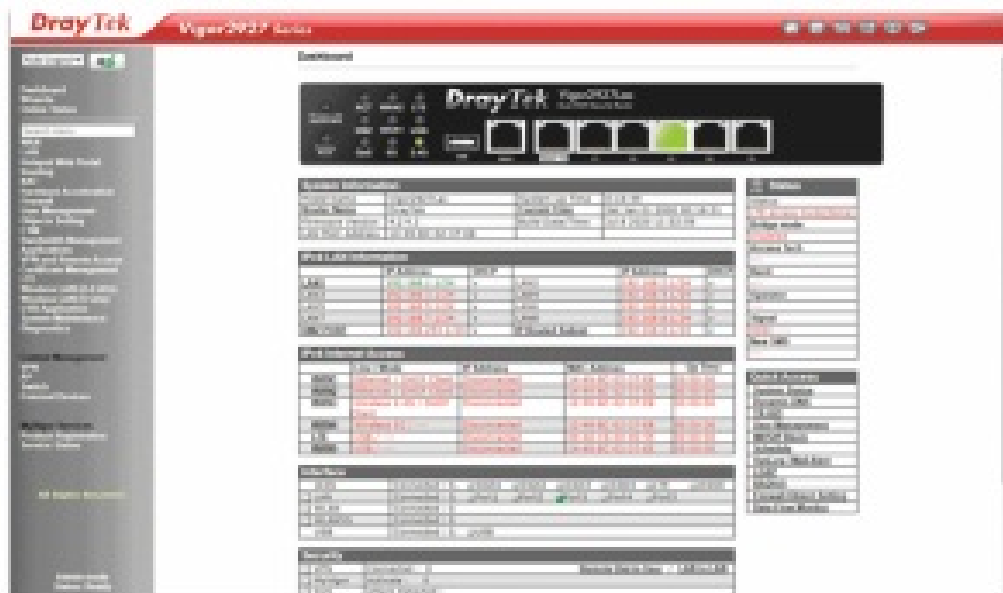
If your router can be under an environment with high speed NAT, the configuration provide here can help you to

deploy and use the router quickly.

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

On the next page as shown below, please select the WAN interface that you use.

If Ethernet interface is used, please choose WAN1 or WAN2; if wireless 2.4G/5G connection is used, please choose WAN3 or WAN4; if 3G USB modem is used, please choose WAN5 or WAN6. Then click **Next** for next step. Each WAN interface will bring up specific configuration page.

Click **Next.** You have to select the appropriate Internet access type (PPPoE, PPTP, L2TP, Static IP or DHCP) according to the information from your ISP.

Here we take PPPoE and DHCP modes for WAN connection as examples.

For PPPoE Connection

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

2. Select **PPPoE** and click **Next** to get the following page.

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

4. Click 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.

For DHCP Connection

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

2. Select **DHCP** and click **Next** to get the following page

3. Enter the hostname and / or MAC address provided by your ISP. Then click **Next** for viewing summary of such connection.

4. Click 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.

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

	DrayTek Vigor2927ac Dual WAN Security Router [pdf] User Guide Vigor2927ac Dual WAN Security Router, Vigor2927ac, Dual WAN Security Router, WAN Security Router, Security Router, Router

References

- 🌐 **MyVigor - DrayTek**
- 🅓 **Home | DrayTek**
- 🅓 **Home | DrayTek**