Vigor1100ax

GPON Router

Quick Start Guide

Version: 1.0
Firmware Version: V5.3.1
(For future update, please visit DrayTek web site)
Date: 28 October 2026

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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. ● Do not power off the device when saving configurations or firmware upgrades. It may damage the data in a flash. Please disconnect the Internet connection on the device before powering it off when a TR-069/ ACS server manages the device. ● 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.

CE Declaration of Conformity

Hereby, DrayTek Corporation declares that the equipment type Vigor1100ax is in compliance with Radio Equipment Directive 2014/53/EU, Low Voltage Directive 2014/35/EU and RoHS 2011/65/EU.

Manufacturer: DrayTek Corp.

Address: No. 26, Fushing Rd., Hukou, Hsinchu Industrial Park, Hsinchu 303, Taiwan

Product: Vigor1100ax Wireless Series

Frequency Information for Europe area:

2.4GHz WLAN	2400MHz - 2483MHz, max. TX power: 19.78dBm
5GHz WLAN	5150MHz - 5350MHz, max. TX power: 22.84dBm 5470MHz - 5725MHz, max. TX power: 27.88dBm
	Requirements in AT/BE/BG/CZ/DK/EE/FR/DE/IS/IE/IT/EL/ES/ CY/LV/LI/LT/LU/HU/MT/NL/NO/PL/PT/RO/SI/SK/TR/FI/SE/CH/HR/UK(NI). 5150MHz~5350MHz is for indoor use only.

This product is designed for 2.4GHz and 5GHz WLAN network throughout the EC region.

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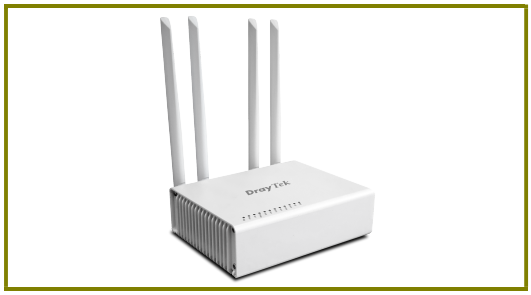
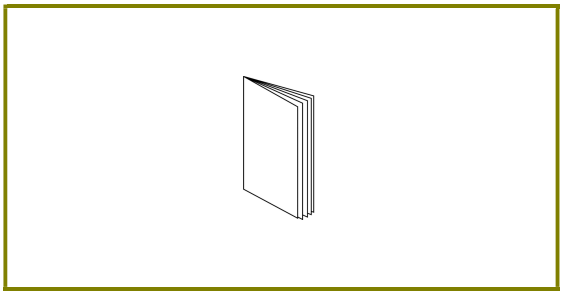
1. Package Content

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



Vigor router



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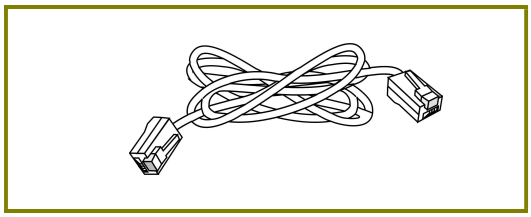
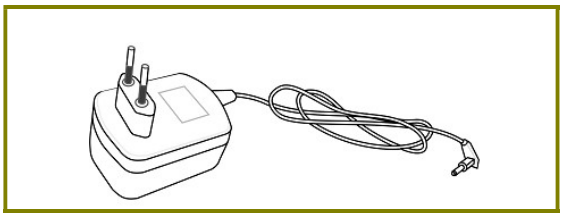


RJ-45 Cable (Ethernet)



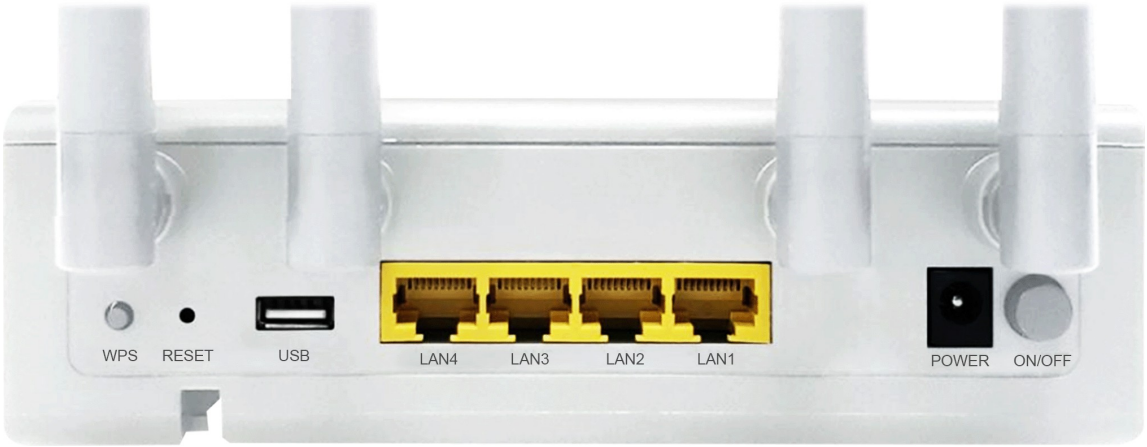
EU-type Power Adapter

2. Panel Explanation



LED	Status	Explanation
PWR	Blinking	The device is powered on and running normally.
	Off	The device is powered off.
PON	On	PON (Passive optical network) is registered and ready.
	Blinking	PON (Passive optical network) is detected and registering to the router.
	Off	PON (Passive optical network) is disabled or not registered.
LOS	ON (Red)	Loss-of-Signal detected (fiber disconnected, optical power too low, or transceiver fault); no downstream optical signal can be received.
	Blinking (Red)	The received optical power is lower than the sensitivity of the optical receiver.
	Off	No loss-of-signal detected. The received optical power is normal.
Internet	On	Internet connection is ready.
	Off	Internet connection is not ready.
LAN1 ~LAN4	On	The LAN port is connected.
	Blinking	The data is transmitting.
	Off	The LAN port is disconnected.
WLAN	On	The wireless access point is ready.
	Blinking	The data is transmitting via wireless connection.

	Off	The wireless access point is turned off.
USB	On	A USB device is connected and active.
	Blinking	The data is transmitting.
	Off	No USB device is connected.



Interface	Description
RESET	Restore the default settings. Usage: Turn on the router (Activity LED is blinking). Press the hole and keep for more than 5 seconds. When you see the Activity LED begins to blink rapidly than usual, release the button. Then the router will restart with the factory default configuration.
USB	Connector for a USB device (for 3G/4G USB Modem or printer).
LAN1~LAN4	Connectors for local networked devices. Additionally, the functionality of LAN1 can be modified to serve as a connector for remote networked devices via Ethernet cable, accessible through a web user interface.
POWER	Connector for a power adapter.
ON / OFF	Power Switch.

3. 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.

1. Connect the fiber cable from your ISP to the router's GPON port (the fiber-optic port).
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 cord to the power port of this device. Connect the other end to the wall outlet of electricity.
4. Power on the router. Check the ACT and WAN, LAN LEDs to assure network connection.

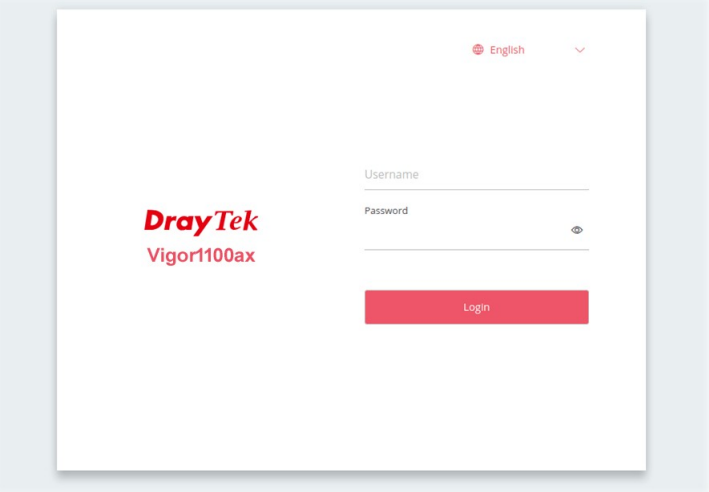


4. Software Configuration

By default, you can access the Internet if you finish the hardware installation. However, you might need to access the web user interface of the Vigor router for some reason; for this, follow the steps listed below.

1. Make sure your PC connects to the router correctly.

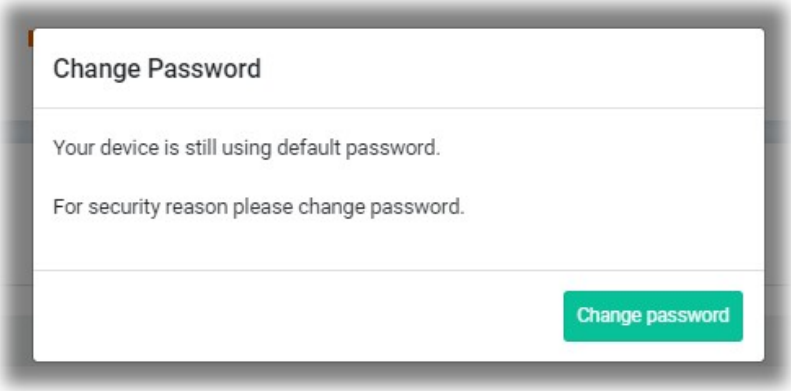
2. Open a web browser on your PC and type **http://192.168.1.1.** A pop-up window will open to ask for username and password. Please type "admin/admin" as the Username/Password and click **Login**. Here, we take Vigor1100ax series as an example.



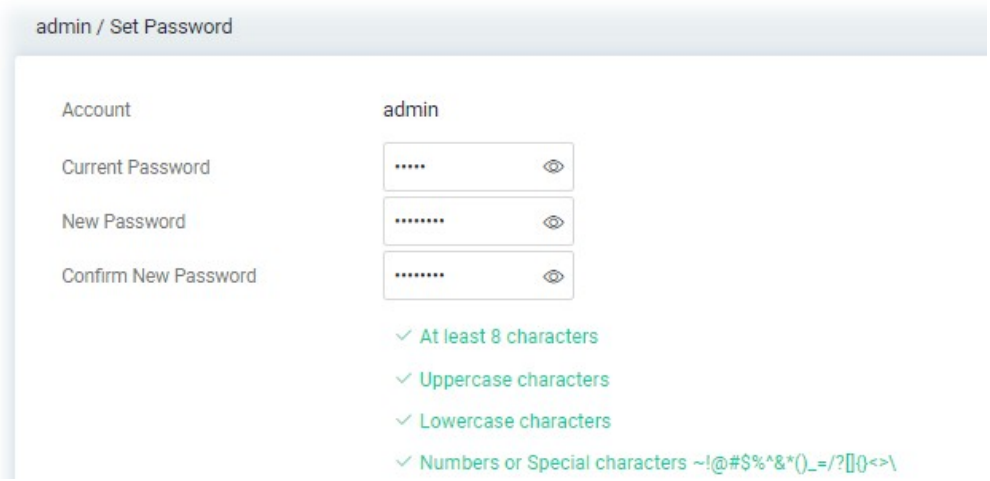
Note

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**.

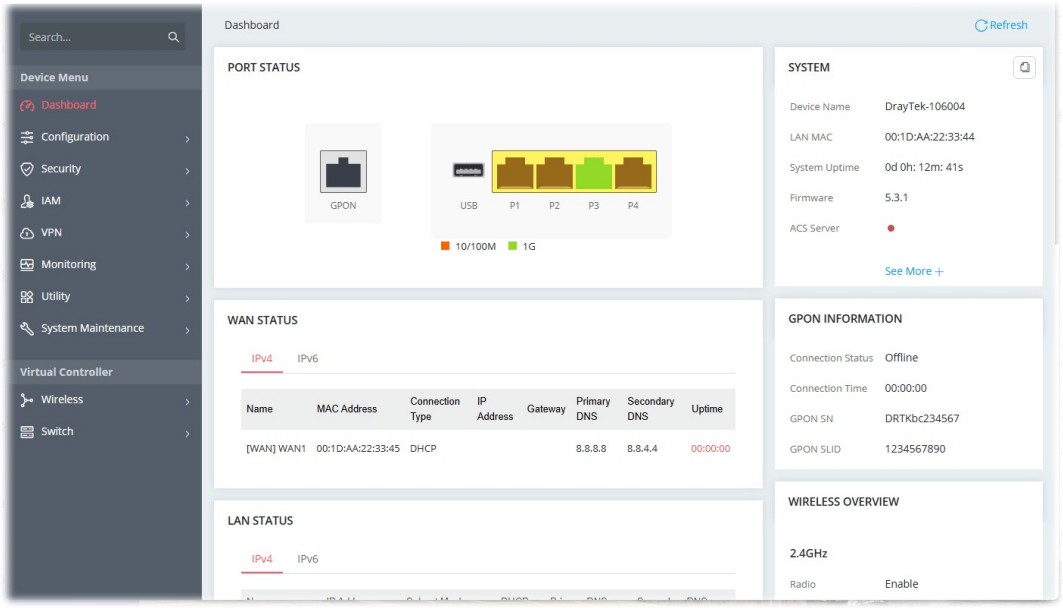
3. Next, the page will appear to guide you change the login password.



4. You **MUST** change the login password before accessing the web user interface. Please set a new password for network security.



5. Now, the **Main Screen** will pop up.



5. 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