DrayTek

VigorAP 810
802.11n Access Point

Quick Start Guide

V3.0

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Version: 3.0

F/W: V1.3.4

Date: May 27, 2022

Warranty

We warrant to the original end-user (purchaser) that the device 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 that 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 radio equipment type VigorAP 810 is in compliance with Directive 2014/53/EU.
The full text of the EU Declaration of Conformity is available at the following internet address:
http://www.draytek.com.tw/ftp/VigorAP 810/Document/CE/

Manufacturer: DrayTek Corp.
Address: No.26, Fushing Rd., Hukou, Hsinchu Industrial Park, Hsinchu 303, Taiwan
Product: VigorAP 810

Frequency Information for Europe area:

2.4G WLAN	2412MHz - 2472 MHz, max. TX power: 19.82dBm

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

FC 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.

The antenna/transmitter should be kept at least 20 cm away from human body.

1 Package Content

Take a look at the package content. If there is anything missed or damaged, please contact DrayTek or dealer immediately.
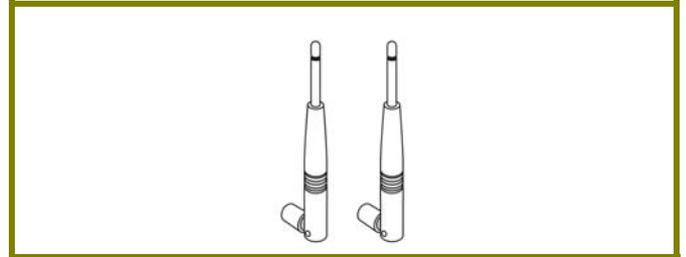
Access Point	Antenna
RJ-45 Cable (Ethernet)	Quick Start Guide
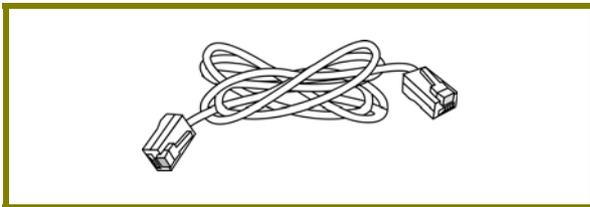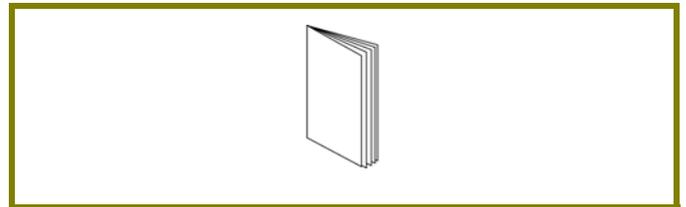
The type of the power adapter depends on the country that the AP will be installed:
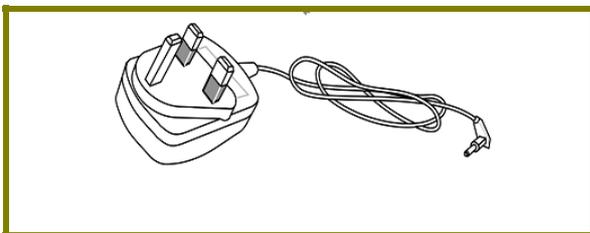
UK-type power adapter	EU-type power adapter
USA/Taiwan-type power adapter	AU/NZ-type Power Adapter
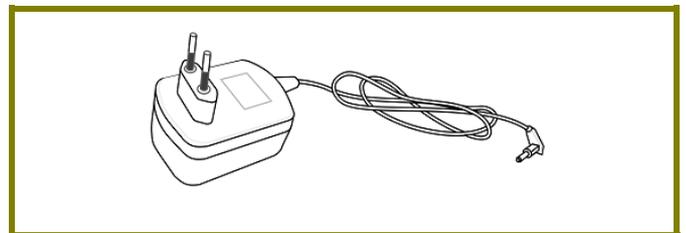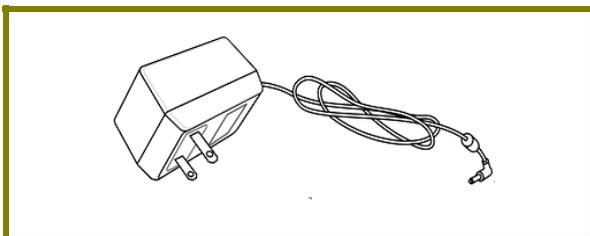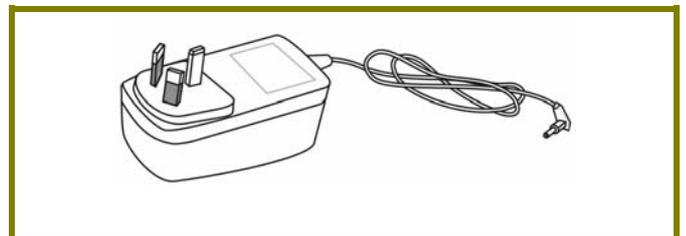
Note	The antenna/transmitter should be kept at least 20 cm away from human body.

2 Panel Explanation
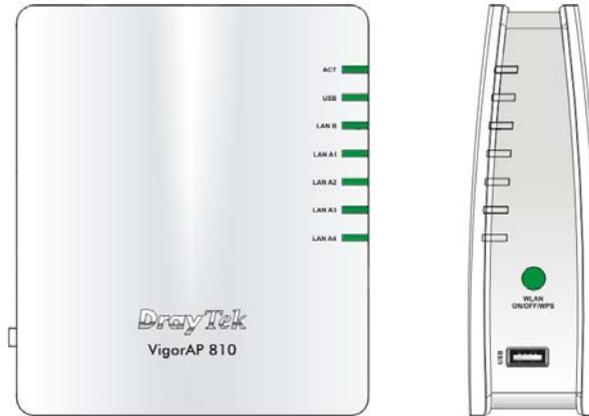
LED	Status	Explanation
ACT	Off	The system is not ready or is failed.
	Blinking	The system is ready and can work normally.
USB	On	A USB device is connected and active.
	Blinking	The data is transmitting.
LAN B	On	A normal connection is through its corresponding port.
	Off	LAN is disconnected.
	Blinking	Data is transmitting (sending/receiving).
LAN A1 - A4	On	A normal connection is through its corresponding port.
	Off	LAN is disconnected.
	Blinking	Data is transmitting (sending/receiving).
WLAN (Green LED) on WLAN button	On	Press the button and release it within 2 seconds. When the wireless function is ready, the green LED will be on.
	Off	Press the button and release it within 2 seconds to turn off the WLAN function. When the wireless function is not ready, the LED will be off.
	Blinking (Green)	Data is transmitting (sending/receiving).
WPS (Orange LED) on WLAN button	Blinking (Orange)	When WPS function is enabled by web user interface, press this button for more than 2 seconds to wait for client's device making network connection through WPS. When the orange LED blinks with 1 second cycle for 2 minutes, it means that the AP is waiting for

		wireless client to connect with it.
USB		Connecter for a printer.

	Interface	Description
	LAN B	Connecter for xDSL / Cable modem or router.
	LAN A1 (PoE) - A4	Connecter for xDSL / Cable modem or router.
	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.
	ON/OFF	ON/OFF: Power switch.
	PWR	PWR: Connecter for a power adapter.

Note	For the sake of security, make the accessory kit away from children.

3 Hardware Installation

This section will guide you to install the AP through hardware connection and configure the settings through web browser.

Before starting to configure the device, you have to connect your devices correctly.

1. Connect VigorAP 810 to ADSL modem, router, or switch/hub in your network through the LAN A port of the access point by Ethernet cable.

   Note: You can also connect VigorAP 810 to a Vigor router via wireless connection. For detailed information, refer to VigorAP 810 User's Guide.

2. Connect a computer to other available LAN A port. Make sure the subnet IP address of the PC is the same as VigorAP 810 management IP, e.g., 192.168.1.X.

3. Connect the A/C power adapter to the wall socket, and then connect it to the PWR connector of the access point.

4. Power on VigorAP 810.

5. Check all LEDs on the front panel. ACT LED should be steadily on, LAN LEDs should be on if the access point is correctly connected to the ADSL modem, router or switch/hub.
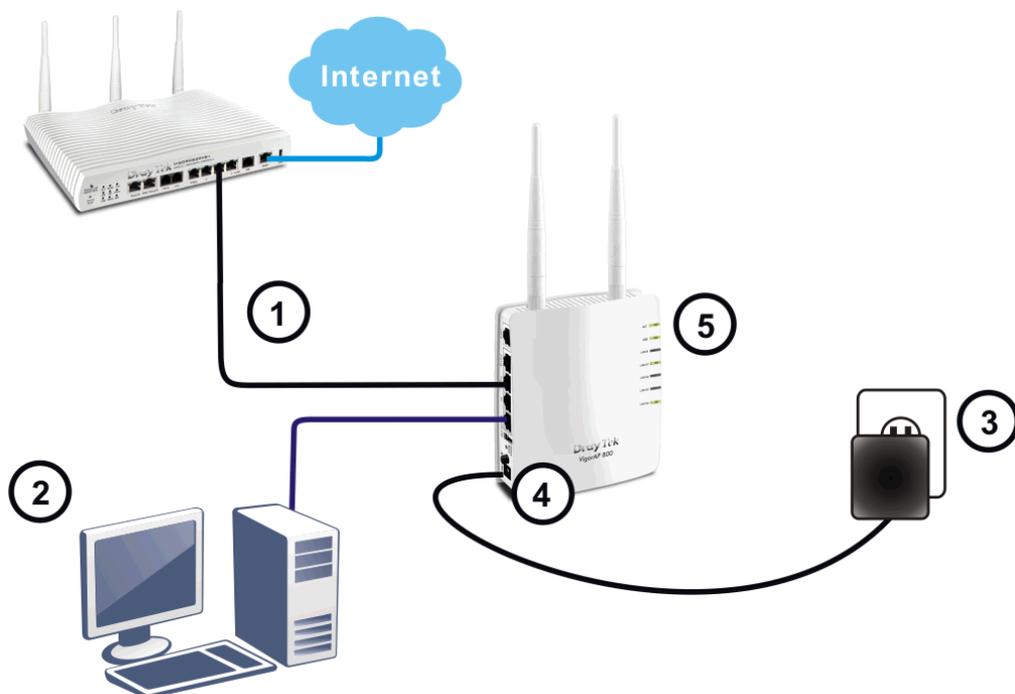
4 Configuring Web Pages

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

2. Open a web browser on your PC and type **http://192.168.1.2.** A pop-up window will open to ask for username and password. Pease type "admin/admin" on Username/Password and click **Login.**
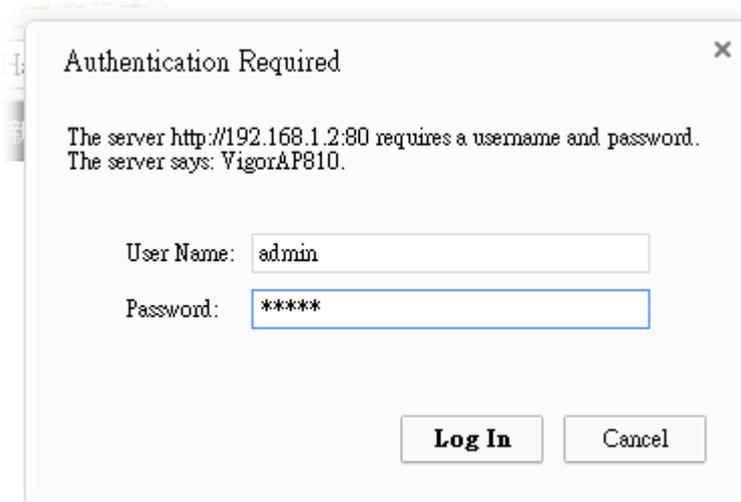
Note   You may either simply set up your computer to get IP dynamically from the router or set up the IP address of the computer to be in the same subnet as **the IP address of VigorAP 810.**

● If there is no DHCP server on the network, then VigorAP 810 will have an IP address of 192.168.1.2.

● If there is DHCP available on the network, then VigorAP 810 will receive its IP address via the DHCP server.

3. The **Main Screen** will pop up. Click **Quick Start Wizard.**

4. This page displays general settings (enable/disable wireless LAN 2.4GHz) for the operation mode selected.

5. There are several operation modes for you to choose. Simply click any one of modes. In this example, choose **AP** and click **Next** to configure the following page.

Quick Start Wizard >> Wireless LAN (2.4GHz)

Channel : 2462MHz (Channel 11)
Main SSID : SSID1
Security Key: ••••••••••••
☑ Enable Guest Wireless
    SSID: SSID2
    Security Key: ••••••••••••
    ☐ Enable Bandwidth Limit
    ☐ Enable Station Control

Operation Mode   Wireless(2.4GHz)

< Back   Next >   Cancel

6. After finished the configuration for wireless LAN (2.4GHz) and click **Next.** When you see this page, it means the wireless setting wizard is almost finished. Just click **Finish** to save the settings and complete the setting procedure.

Quick Start Wizard

Vigor Wizard Setup is now finished!

Basic settings for "AP810" is completed.

Press Finish button to save and finish the wizard setup.
Note that the configuration process takes a few seconds to complete.

< Back   Finish   Cancel

Note	Under **System Maintenance,** you can change the access point's default administrator password. You should do this immediately in order to prevent users from accessing the VigorAP's management interface and changing settings.

Contacting DrayTek

If the device still 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.

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	To download source codes please visit:
	http://gplsource.draytek.com
	GNU GENERAL PUBLIC LICENSE:
	https://gnu.org/licenses/gpl-2.0
	Version 2, June 1991
	For any question, please feel free to contact DrayTek technical support at support@draytek.com for further information.

* External power supply (Power Adapter) information.

A	Manufacturer	Leader Electronics Inc.
	Address	8F.,No.138, Lane 235, Baoqiao Road, Xindian Dist., New Taipei City 23145, Taiwan
C	Model identifier	MU12B8120100-C5
		MU12B8120100-B2
D	Input voltage	100~240V
E	Input AC frequency	50/60Hz
	Output voltage DC	12.0V
F	Output current	1.0A
G	Output power	12.0W
H	Average active efficiency	84.1%
I	Efficiency at low load 10%	81.4%
J	No-load power consumption	0.04W

For more update, please visit www.draytek.com.