Manuals+ — User Manuals Simplified.

DrayTek Vigor AP-810 Wireless Access Point User Guide

Contents

DrayTek Vigor AP-810 Wireless Access Point

Product Information

The VigorAP 810 is an 802.11n Access Point designed for 2.4GHz WLAN network throughout the EC region. It comes with a Quick Start Guide and has a firmware version of V1.3.4. The product is manufactured by DrayTek Corp. and is in compliance with Directive 2014/53/EU. The package content includes an Access Point, Antenna, RJ-45 Cable (Ethernet), and a power adapter (type depends on the country of installation). The product has LED indicators for ACT, USB, LAN B, LAN A1 – A4, WLAN (Green LED) on WLAN button, and WPS (Orange LED) on WLAN button. It also has buttons for WPS and Restore Default Settings. The AP has connectors for xDSL/Cable modem or router, a USB connector for a printer, and a PWR connector for the power adapter. The antenna/transmitter should be kept at least 20 cm away from the human body for safety reasons.

Product Usage

Before configuring the device, you need to connect the VigorAP 810 to ADSL modem, router, or switch/hub in

your network through the LAN A port of the access point using an Ethernet cable. The WPS button can be used to enable WPS function through the web user interface. Press and hold the button for more than 2 seconds to wait for client's device making a 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 clients to connect with it. The Restore Default Settings button can be used to restore the default settings of the AP. To use this feature, turn on the router and press the button and keep it pressed for more than 10 seconds. The router will then restart with the factory default configuration. For safety reasons, keep the accessory kit away from children.

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.

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/VigorAP810/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.

Regulatory Information

Federal Communication Commission Interference Statement

FCC 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.

Package Content

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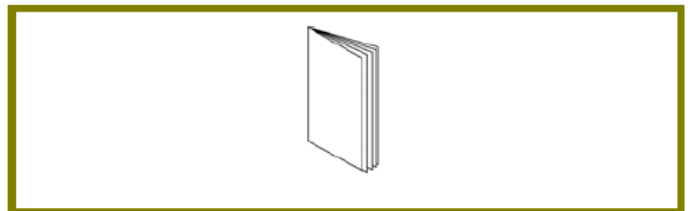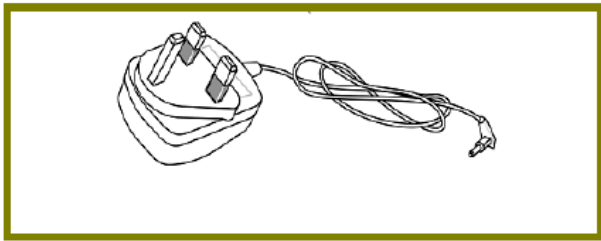

Access Point
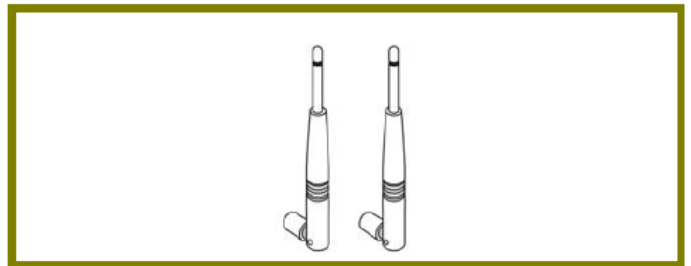
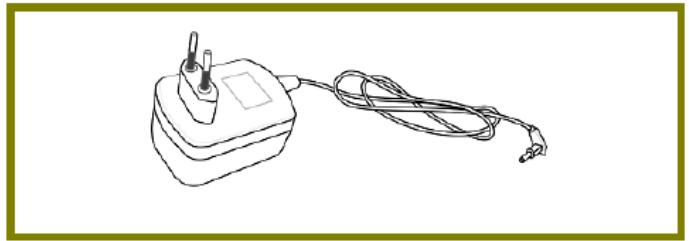Antenna
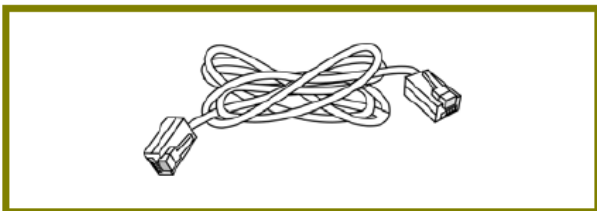
RJ-45 Cable (Ethernet)
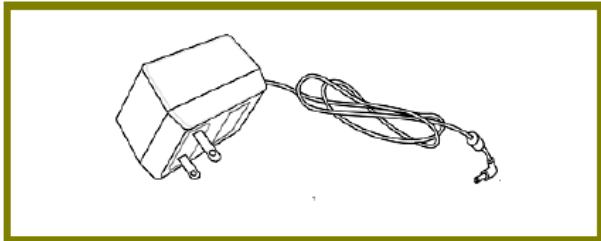

Quick Start Guide

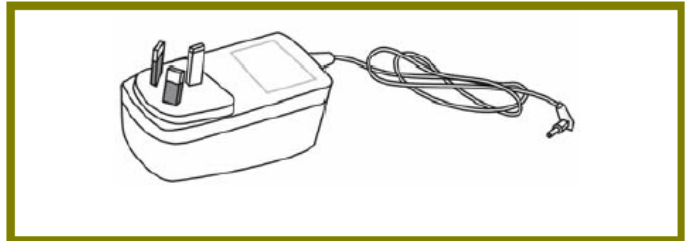The type of the power adapter depends on the country that the AP will be installed:

UK-type power adapter
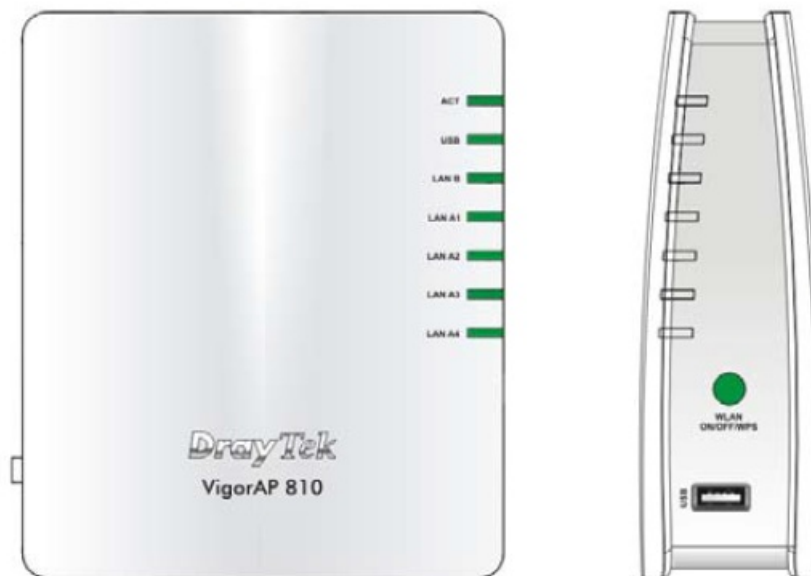

EU-type power adapter

USA/Taiwan-type power adapter

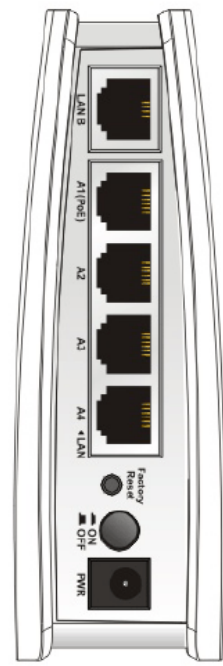

AU/NZ-type Power Adapter

Note

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

Panel 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		Connector 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.

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.
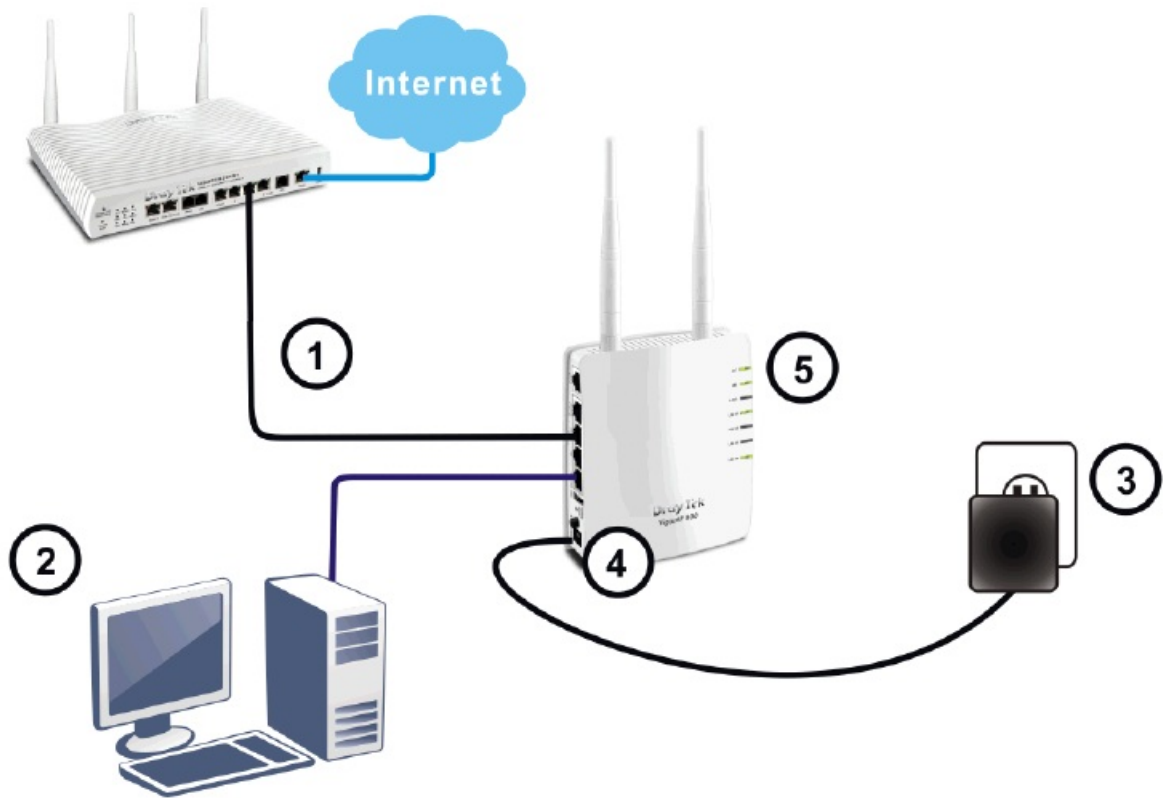
Configuring Web Pages

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.
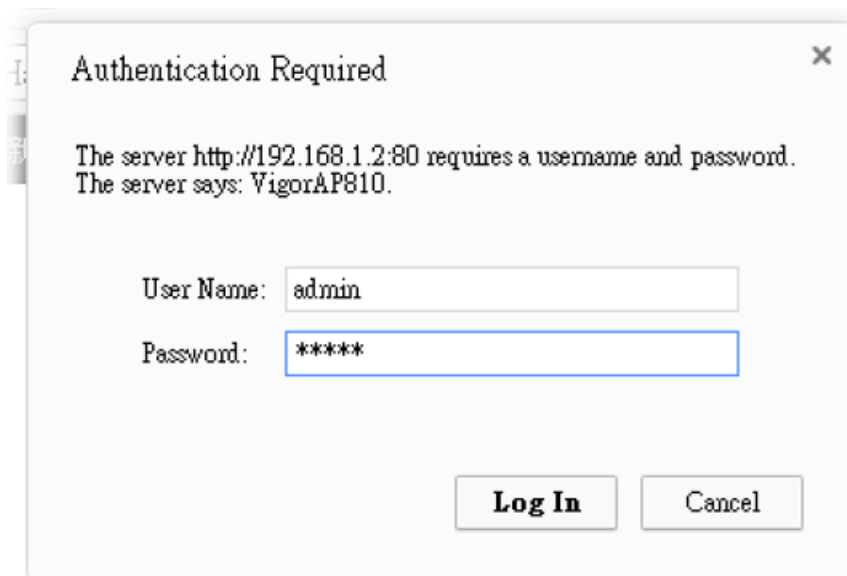
 Note

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.

The Main Screen will pop up. Click Quick Start Wizard

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

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]

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**.

GPL Notice

This DrayTek product uses software partially or completely licensed under the terms of the GNU GENERAL PUBLIC LICENSE. The author of the software does not
provide any warranty. A Limited Warranty is offered on DrayTek products. This Limited Warranty does not cover any software applications or programs. 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**.

Documents / Resources

DrayTek VigorAP 810 802.11n Access Point Quick Start Guide V3.0	**DrayTek Vigor AP-810 Wireless Access Point** [pdf] User Guide Vigor AP-810 Wireless Access Point, Vigor AP-810, Wireless Access Point, Access Point

References

- **DrayTek File Server**
- **Home | DrayTek**
- **Index of /**
- **GNU General Public License v2.0 - GNU Project - Free Software Foundation**