

VigorAP 1062C

802.11ax Ceiling-mount Access Point

Quick Start Guide

Version: 1.0_(draft)

Firmware Version: V1.4.0

(For future update, please visit DrayTek web site)

Date: July 12, 2022

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Safety Instructions and Approval

Safety Instructions	<ul style="list-style-type: none">● Read the installation guide thoroughly before you set up the device.● The device is a complicated electronic unit that may be repaired only by authorized and qualified personnel. Do not try to open or repair the device yourself.● Do not place the device in a damp or humid place, e.g. a bathroom.● Do not stack the devices.● The device should be used in a sheltered area, within a temperature range of 0 to +45 Celsius.● Do not expose the device 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 device, please follow local regulations on conservation of the environment.
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 one (1) year 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.



Declaration of Conformity

Hereby, DrayTek Corporation declares that the radio equipment type VigorAP 1062C is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

[https://fw.draytek.com.tw/VigorAP 1062C/Document/CE/](https://fw.draytek.com.tw/VigorAP%201062C/Document/CE/)

Manufacturer: DrayTek Corp.

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

Product: VigorAP 1062C

Frequency Information for Europe area:

2.4G WLAN	2412MHz - 2472 MHz, max. TX power: 19.95 dBm
5G WLAN	5160MHz - 5340 MHz, max. TX power: 22.84 dBm ; 5480MHz - 5720 MHz, max. TX power: 28.14 dBm
	Requirements in AT/BE/BG/CZ/DZ/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/ UK/HR. 5150MHz~5350MHz is for indoor use only.

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



Declaration of Conformity

Hereby, DrayTek Corporation declares that the radio equipment type VigorAP 1062C is in compliance with Regulation SI 2017 No. 1206.

The full text of the UKCA Declaration of Conformity is available at the following internet address:

[https://fw.draytek.com.tw/VigorAP 1062C/Document/UKCA/](https://fw.draytek.com.tw/VigorAP%201062C/Document/UKCA/)

Manufacturer: DrayTek Corp.

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

Product: VigorAP 1062C

Importer: **CMS Distribution Ltd: Bohola Road, Kiltimagh, Co Mayo, Ireland**

Frequency Information for UK area:

2.4G WLAN	2412MHz - 2472 MHz, max. TX power: 19.98dBm
5G WLAN	5160MHz - 5340 MHz, max. TX power: 22 dBm 5480MHz - 5720 MHz, max. TX power: 27 dBm
	Requirements in UK. 5150MHz~5350MHz is for indoor use only.

This product is designed 2.4GHz and 5GHz WLAN network use in the UK & Ireland.



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.
- This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

External Power Supply ErP Information

	1	2	3
A Manufacturer	DVE	DVE	AMIGO
B Address	No.5, Baogao Rd, Xindian Dist, New Taipei City (23144), Taiwan	No.5, Baogao Rd, Xindian Dist, New Taipei City (23144), Taiwan	No.20, Qianyang First Road, Yun-Mao-Tsun, San Xing, Zhongshan, Guangdong, China
C Model identifier	DSA-12PF09-12 FUK DSA-12PF09-12 FEU	DSA-18PFR-12 FUK DSA-18PFR-12 FEU	AMS2000-1202000FV AMS2000-1202000FB
D Input voltage	100-240V	100-240V	100-240V
E Input AC frequency	50/60Hz	50/60Hz	50/60Hz
Output voltage DC	12.0V	12.0V	12V
F Output current	1.0A	1.5A	2A
G Output power	12.0W	18.0W	24.0W
H Average active efficiency	83.3%	85.5%	86.2%
I Efficiency at low load 10%	80.8%	83.7%	79.1%
J No-load power consumption	0.06W	0.07W	0.10W

*The external power supply used for each product will be model dependent.

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

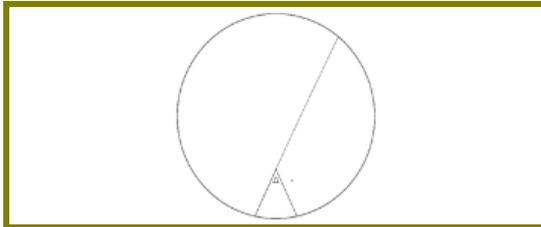


Table of Contents

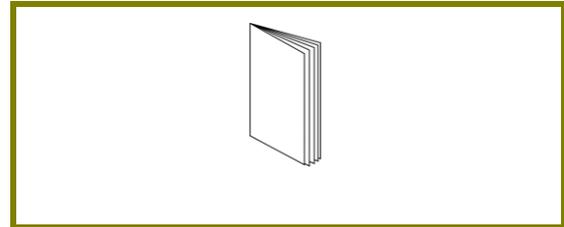
1. Package Content	1
2. Panel Explanation.....	2
3. Installation.....	3
3.1 Ceiling-mount Installation (Wooden Ceiling)	3
3.2 Ceiling-mount Installation (Plasterboard Ceiling)	4
3.3 Suspended Ceiling Installation	5
4. Connection and Configuration	7
4.1 Notifications for Hardware Connection.....	7
4.2 Web Configurations	8
5. Customer Service	10
Be a Registered Owner	10
Firmware & Tools Updates	10

1. Package Content

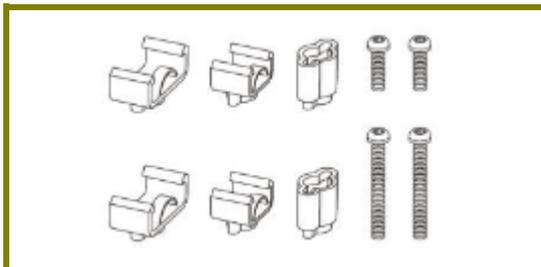
Take a look at the package content. If there is anything missed or damaged, please contact DrayTek or dealer immediately.



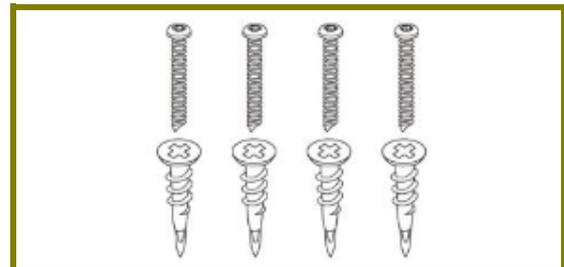
VigorAP 1062C Main Unit



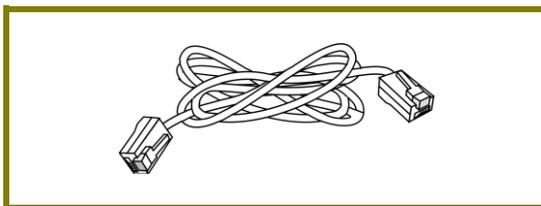
Quick Start Guide



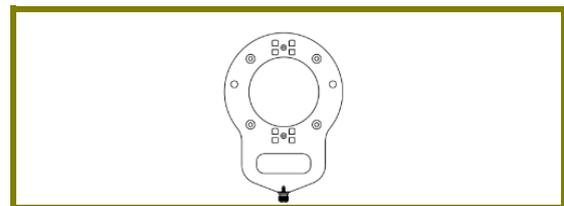
Kits & Screws
(Used for T-Rail Mounting)



Screws
(Used for Ceiling Mounting)

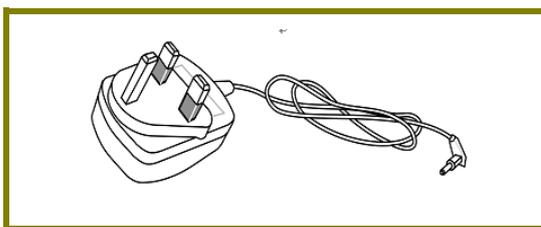


RJ-45 Cable (Ethernet)

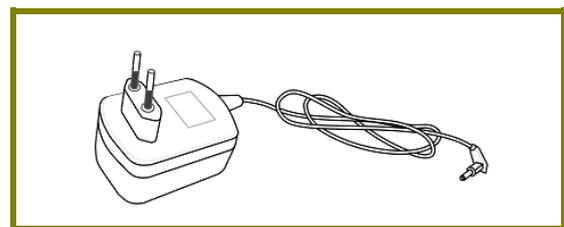


Ceiling Mount Bracket

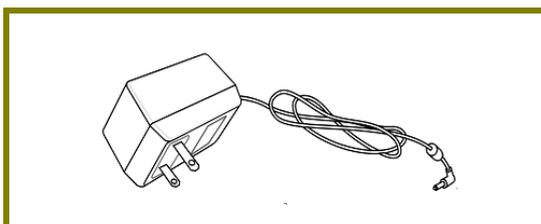
The type of the power adapter depends on the country that the AP will be installed:



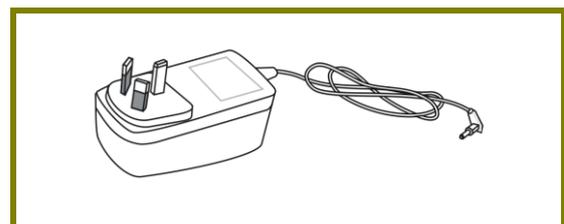
UK-type Power Adapter



EU-type Power Adapter



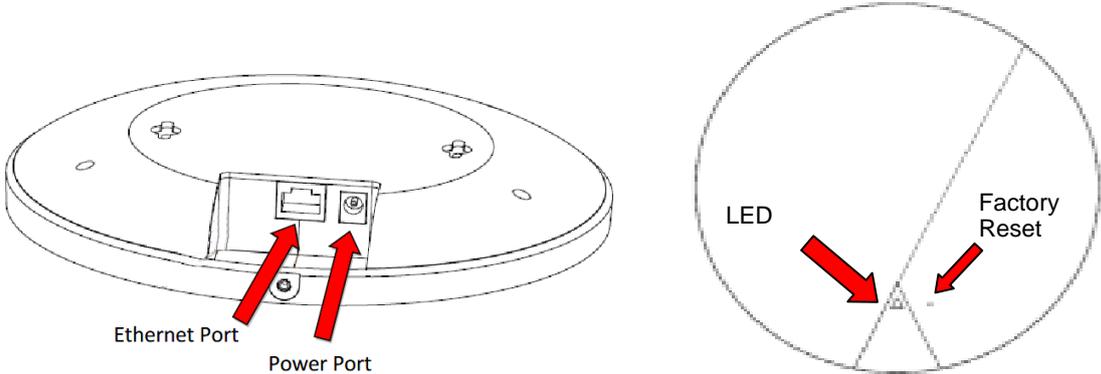
USA/Taiwan-type Power Adapter



AU/NZ-type Power Adapter

The maximum power consumption is **23** Watt.

2. Panel Explanation



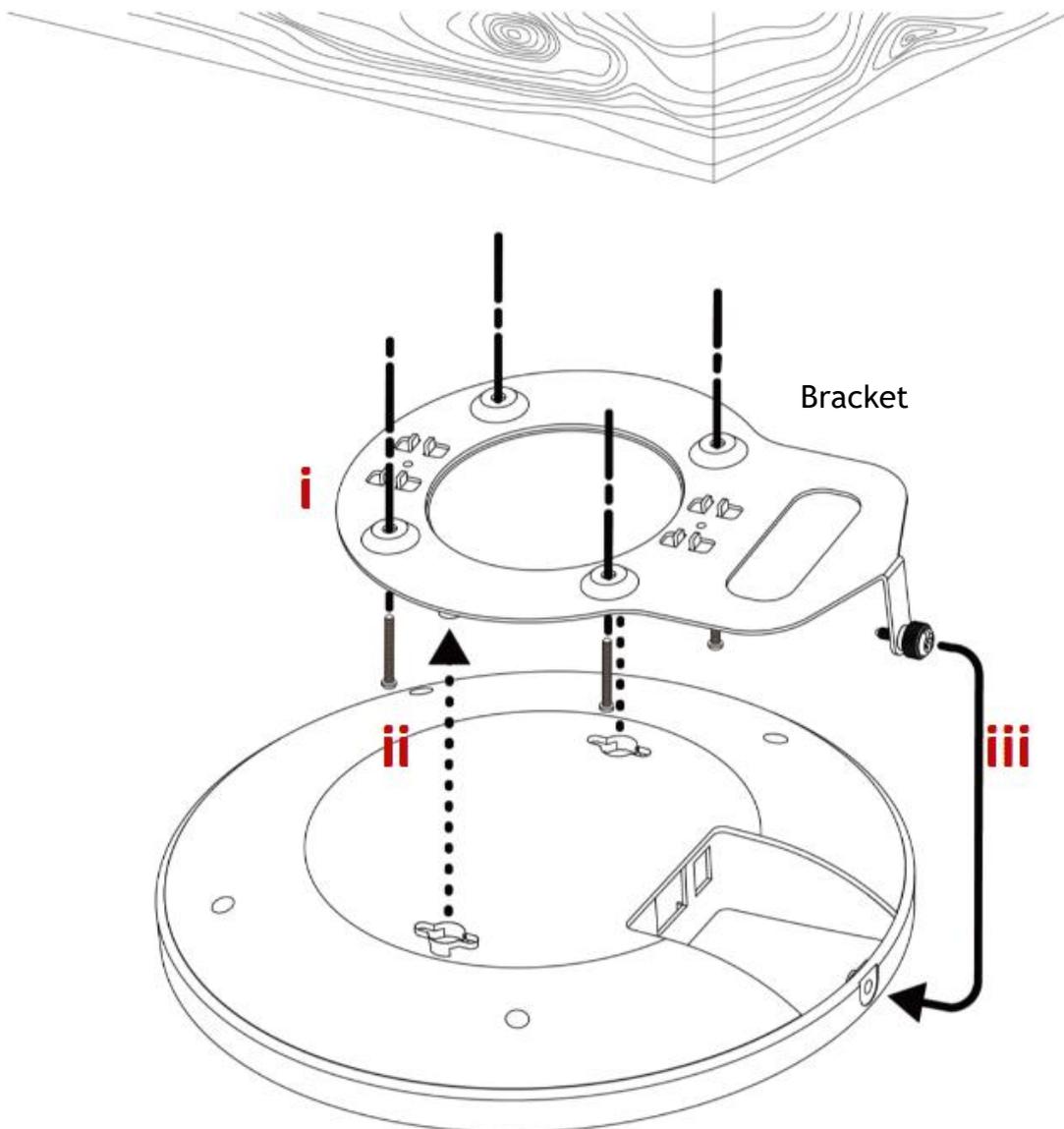
LED	Status	Explanation
Blue LED	On	The system is in boot-loader mode.
	Blinking	The system is in TFTP mode.
Green LED	Blinking	The system is in AP mode and work normally.
Red LED	Blinking	System error.
Off	Off	VigorAP is turned off or not functioning.
Interface		Explanation
Ethernet Port		Connects to LAN or router. Supports PoE power & Gigabit (2.5G).
Power Jack (DC IN)		Connector for a power adapter.
Hole		Explanation
Factory Reset		Restores the unit back to factory default settings. To use, insert a small item such as an unbent paperclip into the hole. You will feel the button inside depress gently. Hold it for 5 seconds. The VigorAP will restart with the factory default configuration and the LED will blink blue.

3. Installation

VigorAP can be installed under certain locations: wooden ceiling, plasterboard ceilings, light-weighted steel frame and wall.

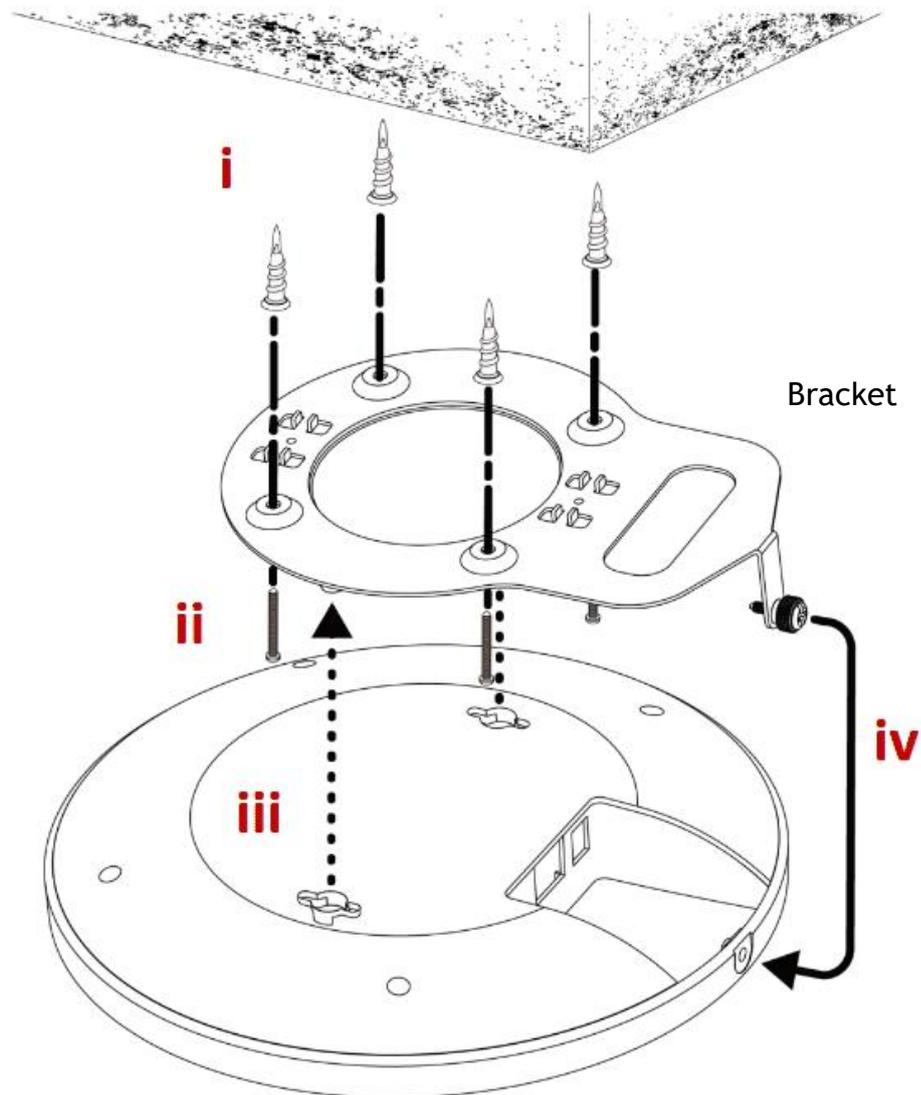
3.1 Ceiling-mount Installation (Wooden Ceiling)

- i. Place the bracket under the wooden ceiling and fasten **four** screws firmly.
- ii. When the bracket is in place, fasten two screws firmly on the bottom of VigorAP.
- iii. Secure the access point firmly in place using the included screw as shown in step iii.



3.2 Ceiling-mount Installation (Plasterboard Ceiling)

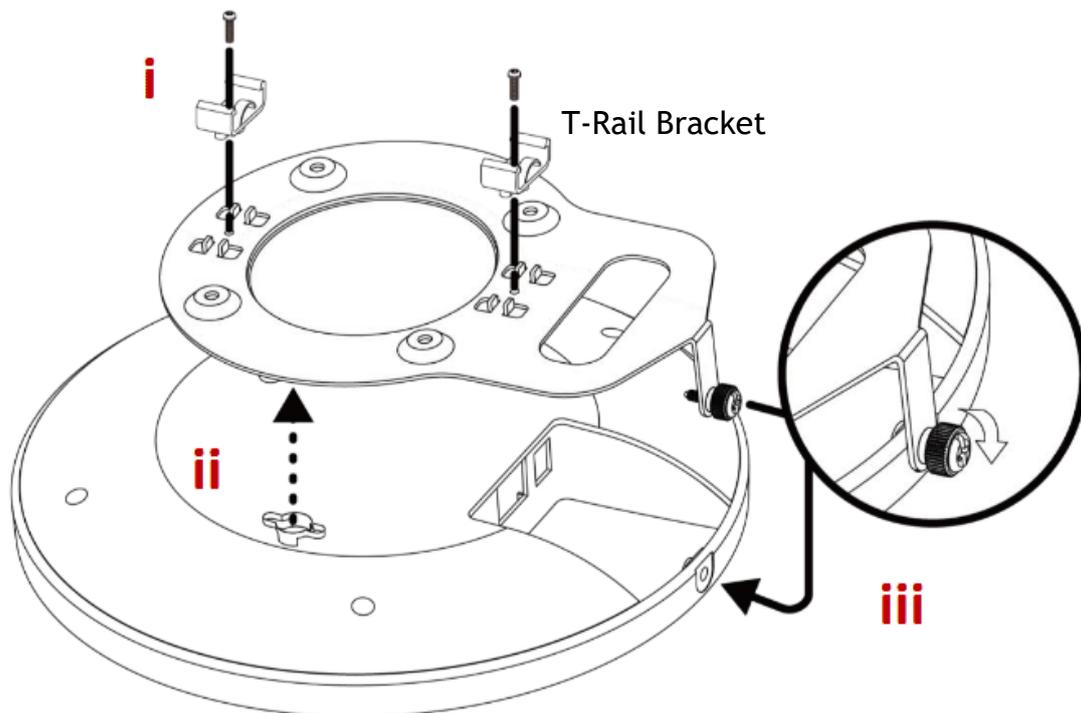
- i. Drill four holes in your ceiling using the ceiling mount bracket as a guide, and insert the four included wall plugs/screw anchors (i).
- ii. Align the ceiling mount bracket with your wall plugs/screw anchors and use the four screws to fix it into place (ii).
- iii. When the bracket is in place, fasten two screws firmly on the bottom of VigorAP.
- iv. Secure the access point firmly in place using the included screw as shown in step iv.



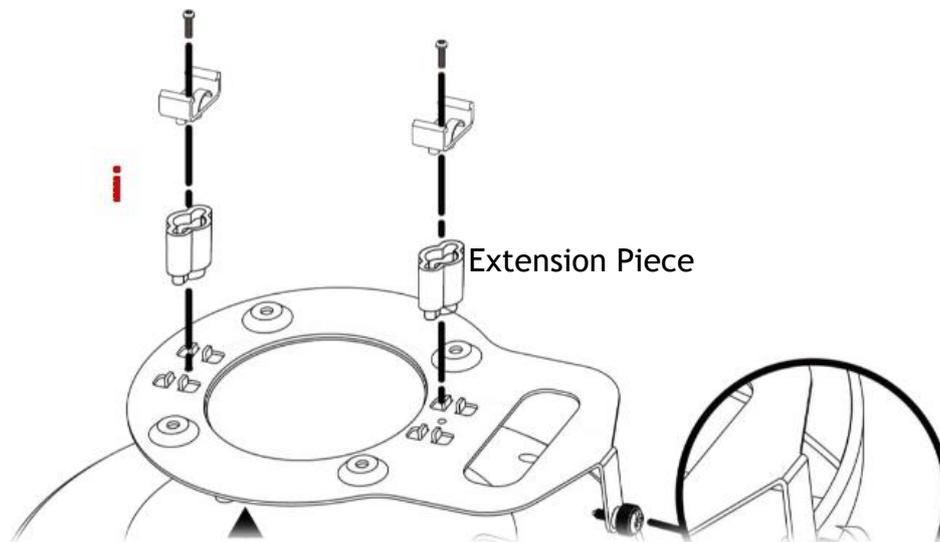
3.3 Suspended Ceiling Installation

You cannot screw into ceiling tiles as they are weak and not suitable for bearing loads. Your VigorAP is supplied with mounts (T-Rail brackets) which attach directly to the metal grid ('T-Rail') of your suspended ceiling.

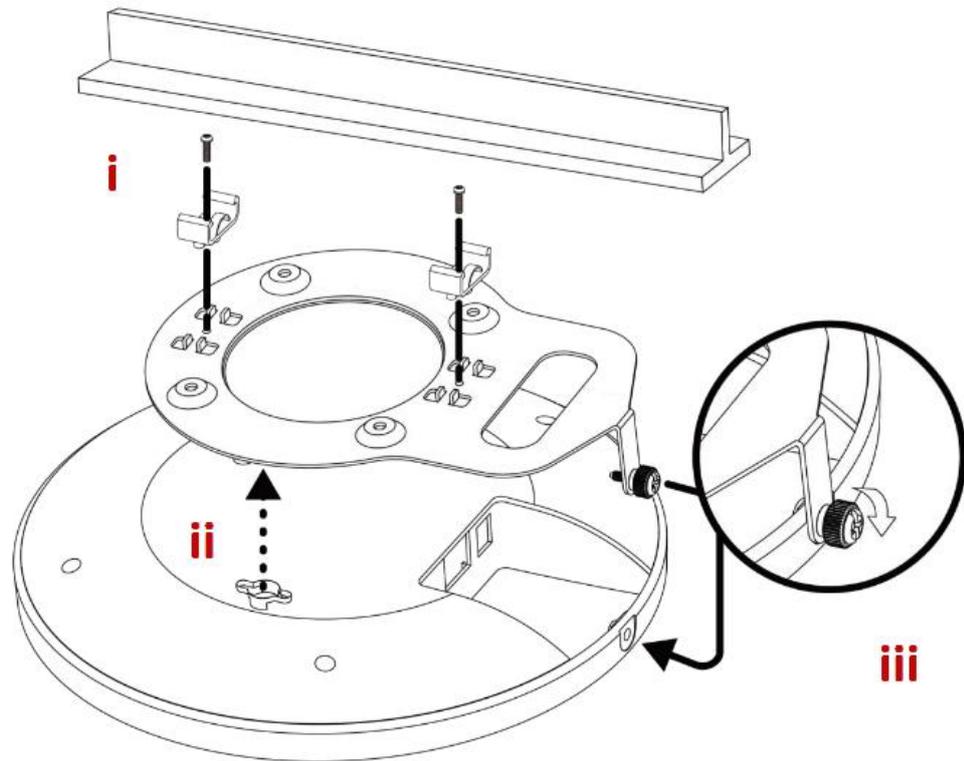
1. Choose the correct size T-Rail bracket from the bundled package.
2. Put the T-Rail brackets on the holes of the bottom side of the device. Fasten them with suitable screws.
3. Secure the access point firmly in place using the included screw as shown in step iii.
4. Clip the access point onto your T-Rail using the now attached T-Rail bracket.



5. If a larger gap is required between the ceiling and the VigorAP, use the extension pieces to extend the height of the brackets.



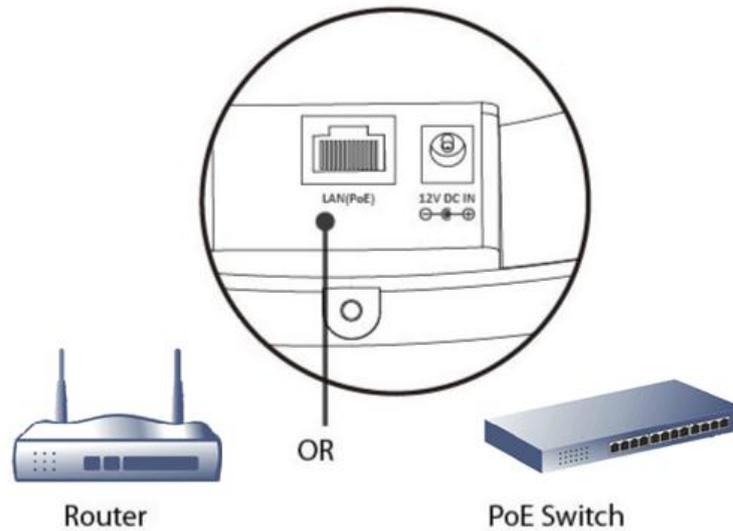
6. Attach the T-Rail brackets to the ceiling frame.



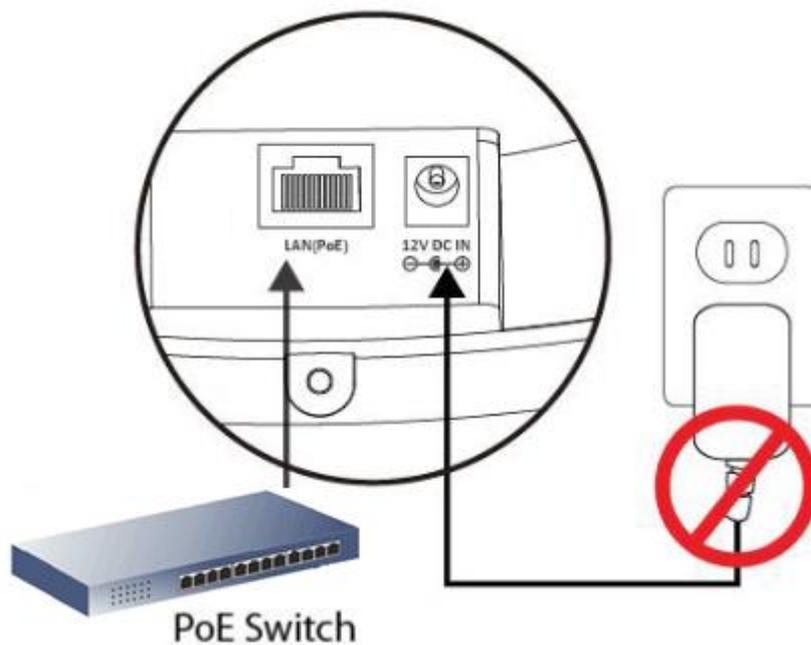
4. Connection and Configuration

4.1 Notifications for Hardware Connection

- Connect VigorAP to Vigor router (via LAN port) with Ethernet cable.



- Connect VigorAP to PoE switch (via LAN port) with Ethernet cable. For connecting with PoE switch, do not connect the power adapter. VigorAP will get the power from the switch directly.



4.2 Web Configurations

There are **two methods** to configure VigorAP.

Method 1:

1. First, open a web browser on your PC and type **https://192.168.1.2**. A pop-up window will open to ask for username and password.
2. After clicking **Login, Quick Start Wizard** for configuring wireless settings will appear.
3. Follow the on-screen steps to finish the network connection.



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 1062C**.

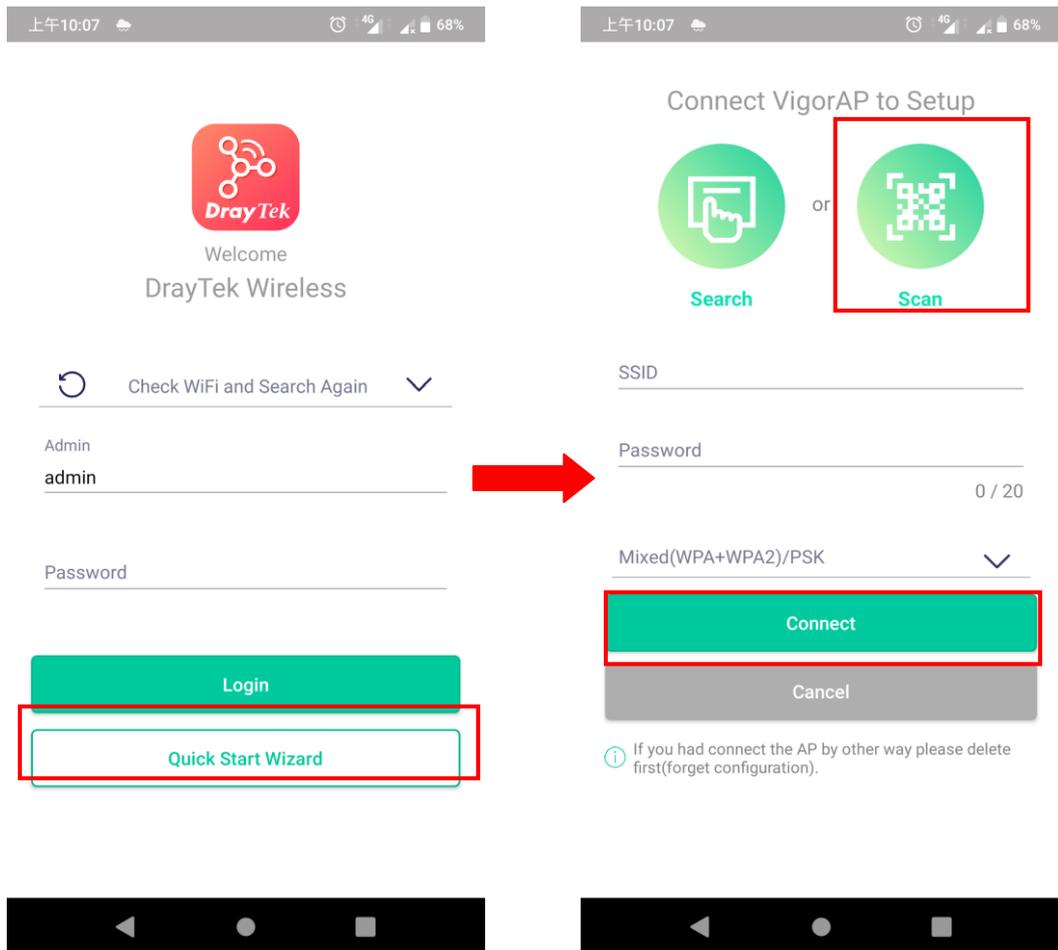
- If there is no DHCP server on the network, then VigorAP 1062C will have an IP address of 192.168.1.2.
 - If there is DHCP available on the network, then VigorAP 1062C will receive its IP address via the DHCP server.
 - If you connect to VigorAP by wireless LAN, you could try to access the web user interface through <http://vigorap.com>.
-

Method 2:

- (a) Use a mobile phone to scan the QR code named with **DrayTek Wireless App** to download DrayTek Wireless APP.



- (b) After downloading, run the APP.
- (c) Click Quick Start Wizard. Next, scan the QR code named with **Connect SSID**. Later, click **Connect** to access into the APP user interface of VigorAP 1062C to set the device in **AP** or **Range Extender** mode.



5. Customer Service

If the device 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>

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To download source codes please visit:

<http://gplsource.draytek.com>

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<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.