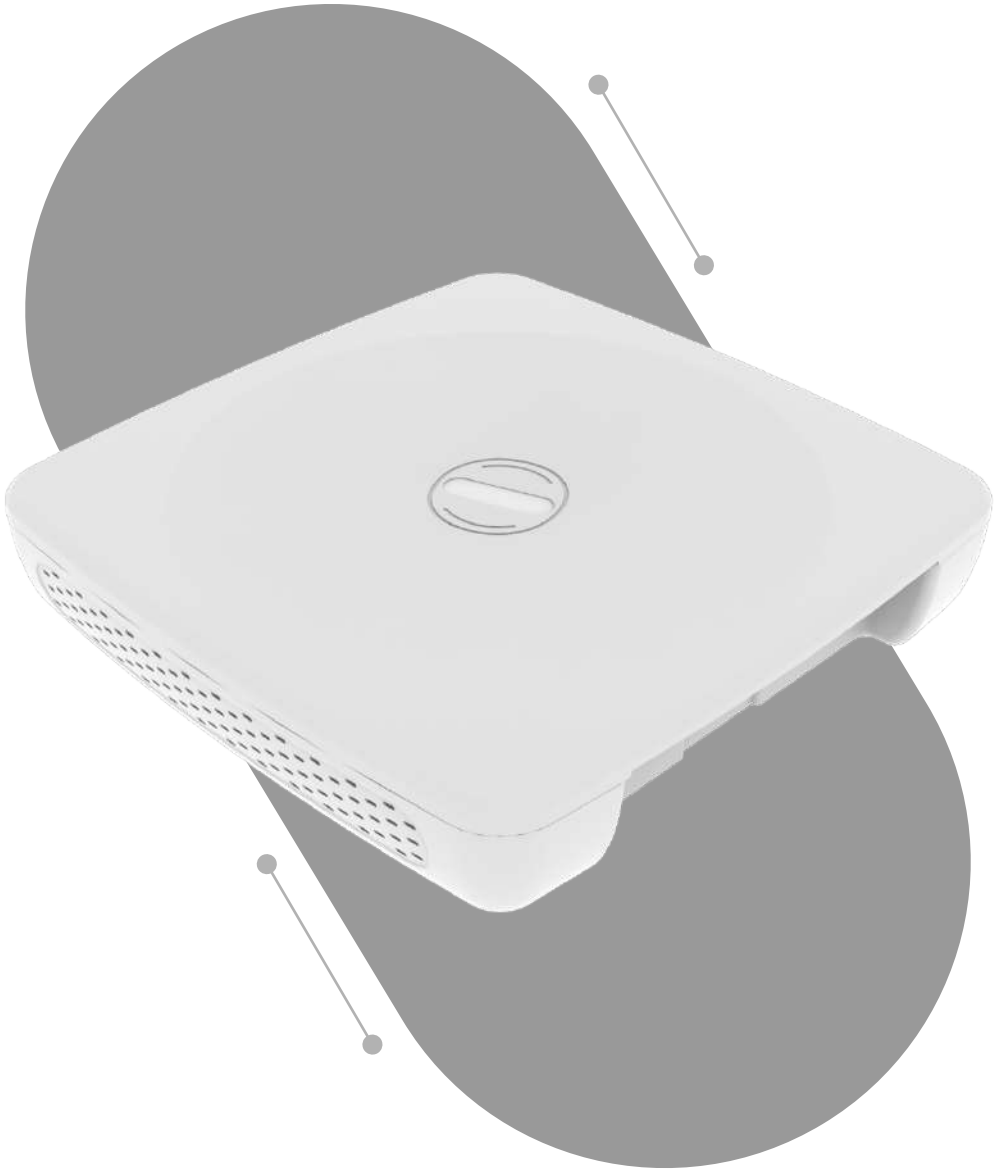
Quick Start Guide



Access Point
ion4i

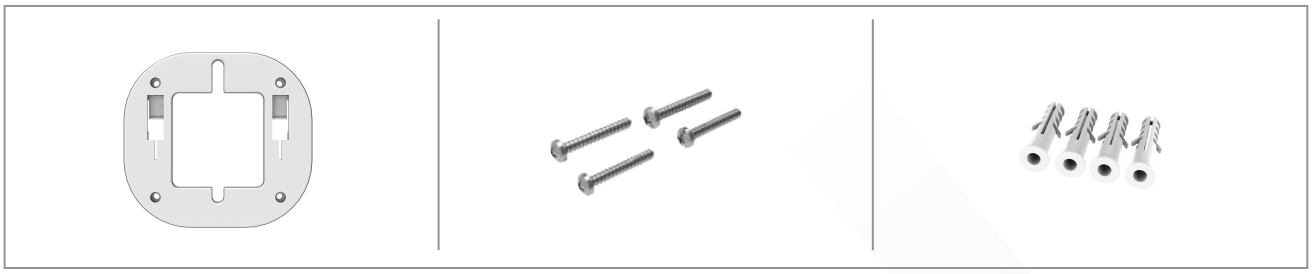
ANYWHERE EVERYWHERE

Introduction

Thank you for purchasing our Access Point. It is a centrally managed 2x2:2 MU-MIMO Wi-Fi 5 certified Access Point that raises the bar for wireless performance and efficiency.

Packaging Content

ion4i Access Point
(Qty:1)

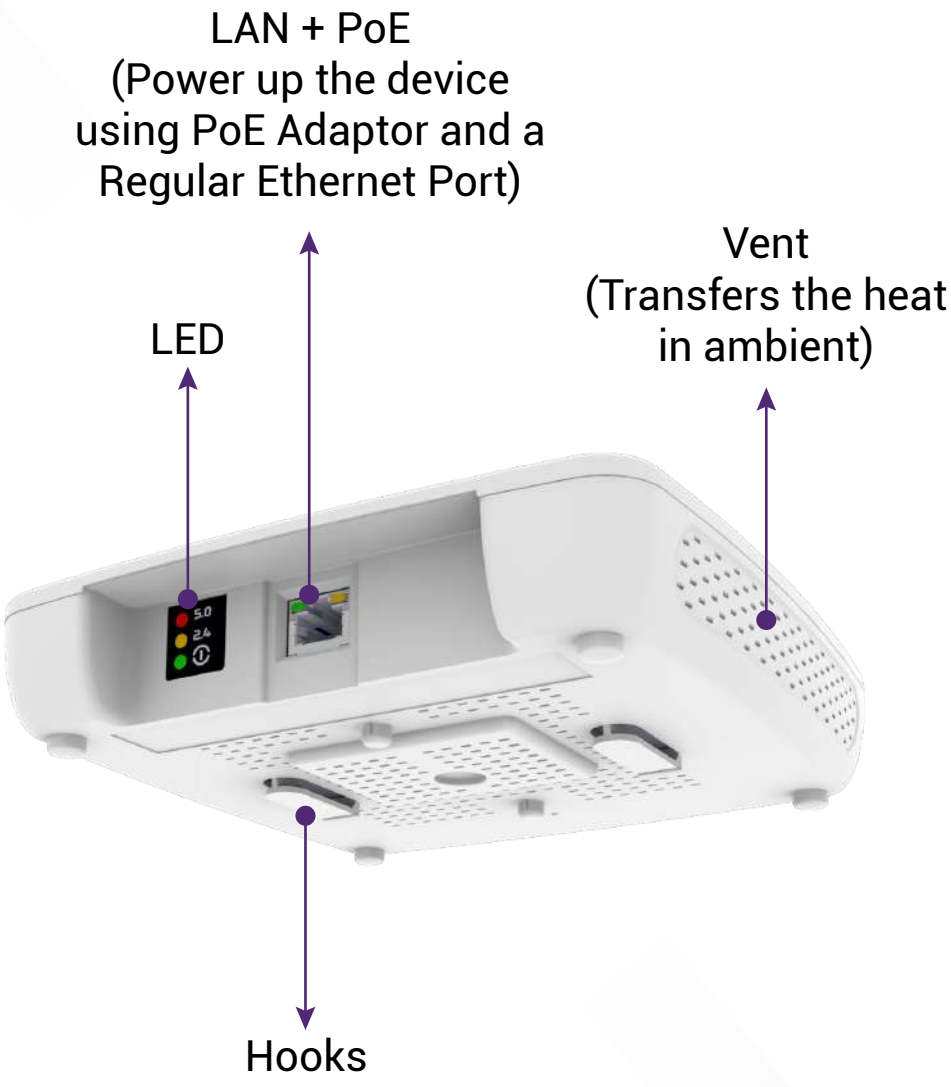


Mounting Kit
Mounting Bracket (Qty:1),
Mounting Screws (Qty:4),
Plastic Wall Anchors (Qty:4)

Product Specifications

Peak Data Rate (aggregate)	Up to 1.27 Gbps (867 Mbps for 5 GHz and 400 Mbps for 2.4 GHz)
Wi-Fi Standard Support	802.11a/b/g/n/ac/ac Wave 2
Interface	1 X 10/100/1000 BASE-T Ethernet
Radio Mode	2x2 MU-MIMO with 2 spatial streams
Mesh Support	Self-creating, Self-healing Mesh
Maximum number of SSID (per radio)	16 per radio (32 combined)
Max Concurrent User Support	128 on 5 GHz and 64 on 2.4 GHz
Power Supply	IEEE 802.3af PoE
Power Consumption (Max)	12 W (approx.)
Max Transmit Power	27 dBm for 2.4 GHz and 27 dBm for 5 GHz (will depend on country specific guidelines)
Antenna Type	Integrated Omni-directional Antennas
Antenna Gain	4.5 dBi for 5 GHz and 4 dBi for 2.4 GHz
Management	Standalone (via GUI) or through on-premise based solution or cloud-based
Enclosure Dimensions	175 x 175 x 37 mm or 6.89 x 6.89 x 1.46 inches
Weight	360 grams
Operating Temperature	-15°C to 50°C
Certifications	FCC Class B, CE, Passpoint 2.0, RoHS 3.0

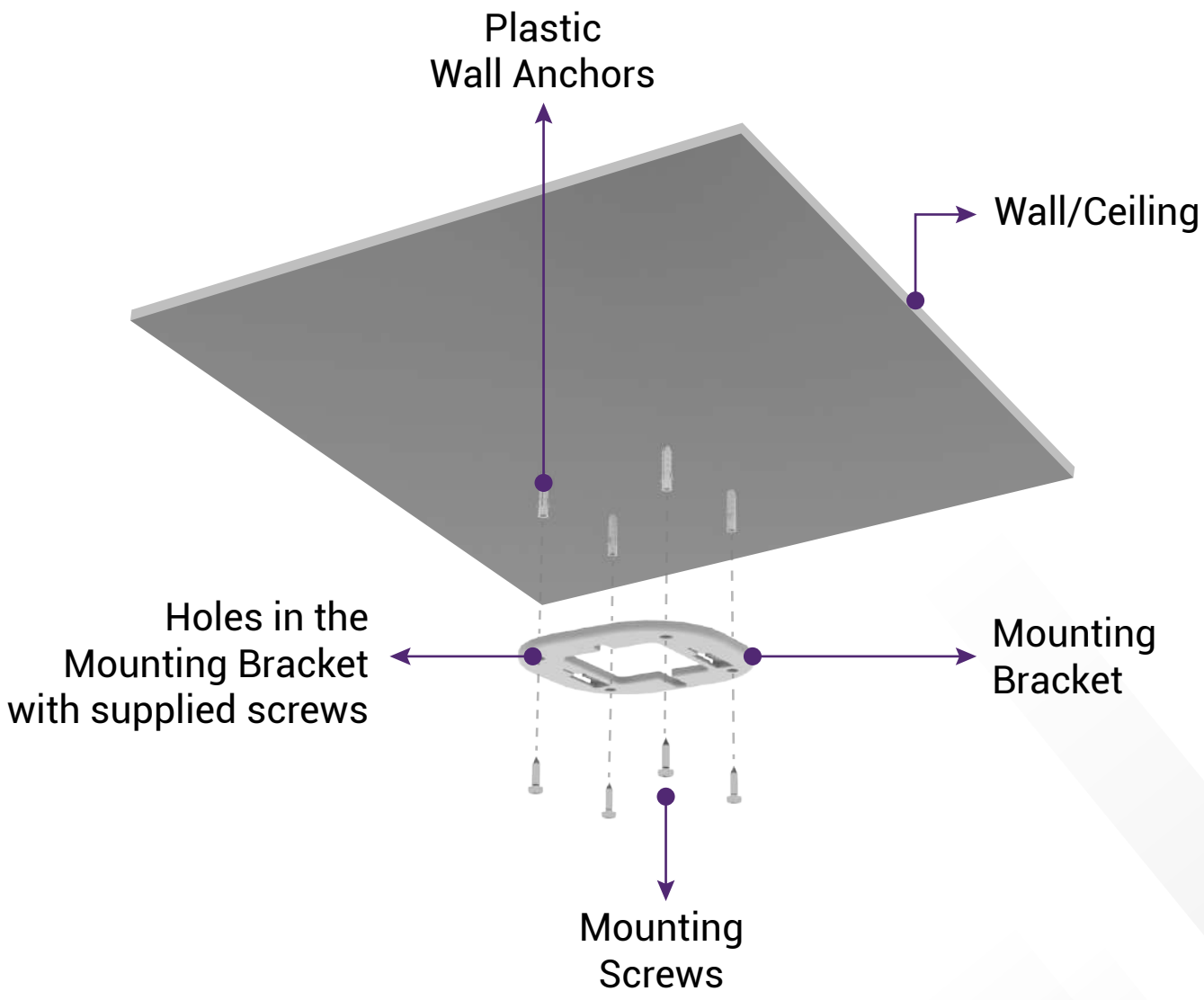
Product Overview



Mounting of Access Point

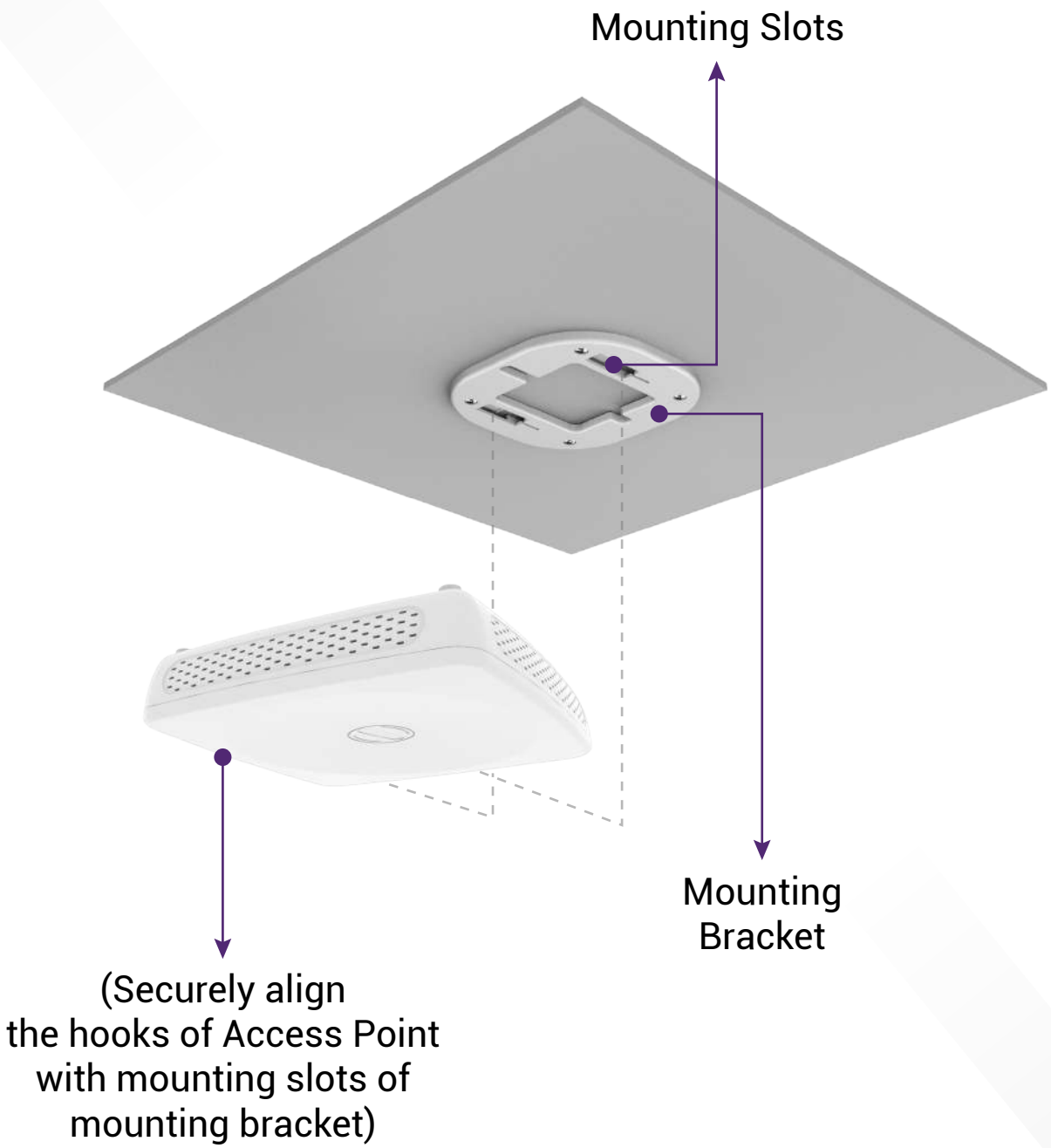
1. Place the mounting bracket which came with the package on a wall or ceiling and mark holes with a marker where you will insert the screws. Drill holes in the marked points and insert the plastic wall anchors.

2. Use supplied screws and attach mounting bracket on the wall.



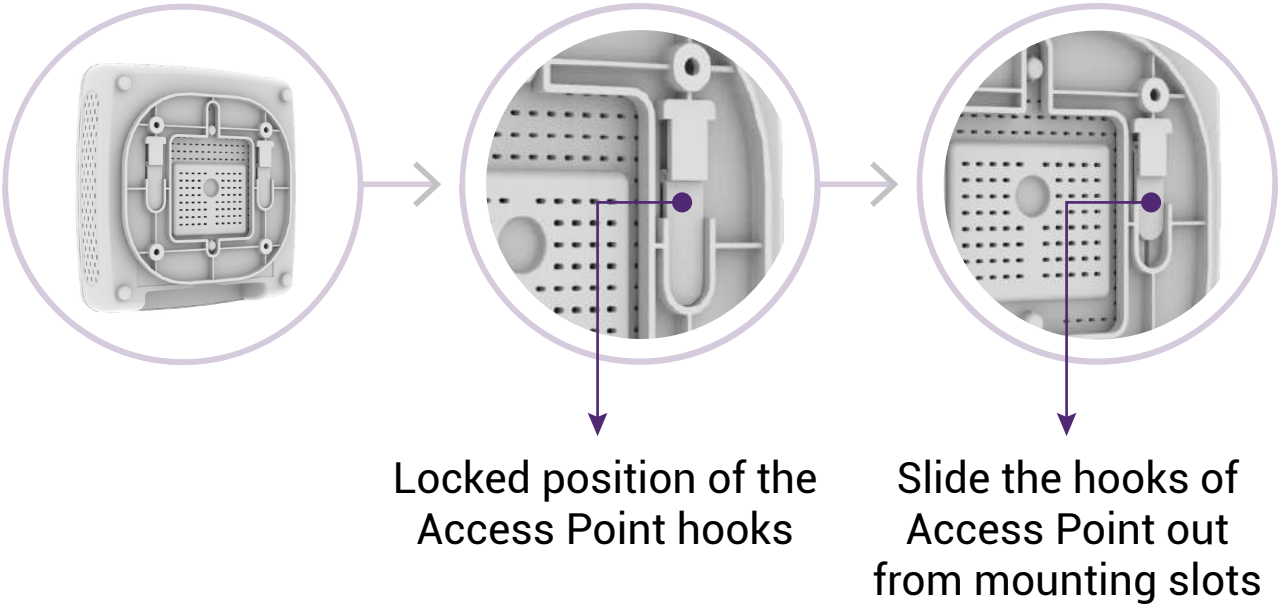
Note: Make sure that mounting bracket is tightly installed before mounting the Access Point on the wall or ceiling.

3. Align the hooks of Access Point with the mounting slots of the mounting bracket, ensure that it is properly hinged.



Unmounting of Access Point

1. Slide the hooks of Access Point out from the mounting slots of mounting bracket.



Locked position of the Access Point hooks

Slide the hooks of Access Point out from mounting slots

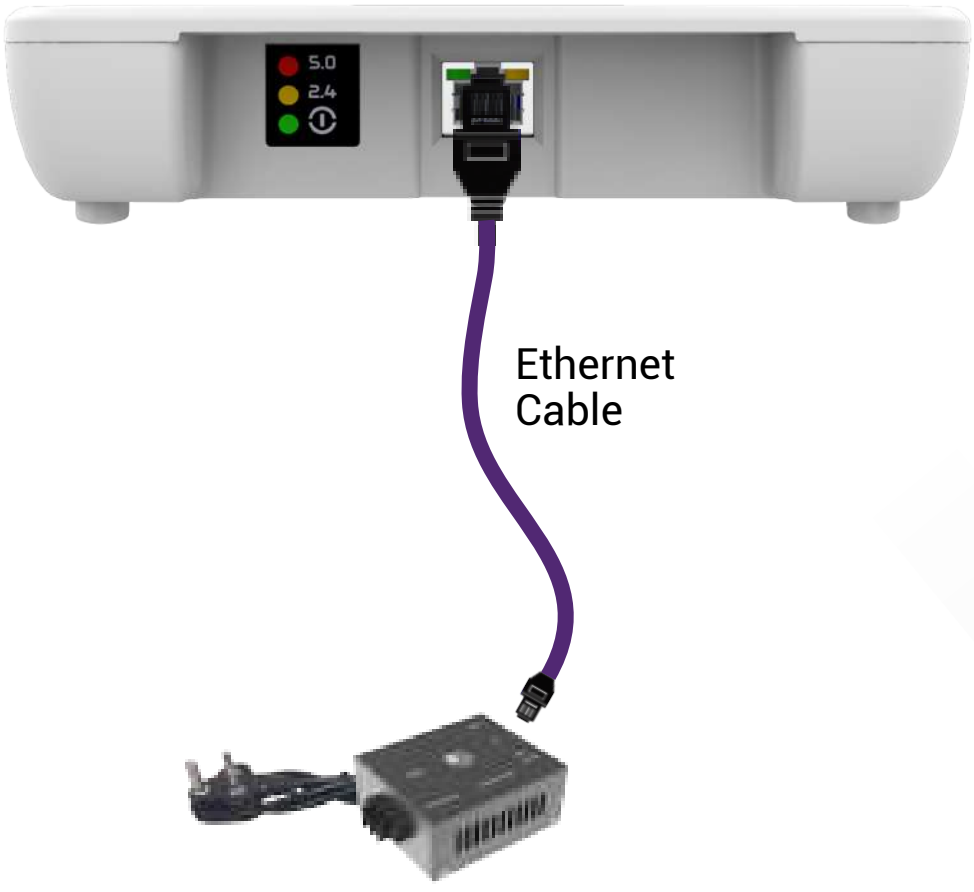
WARNING: HFCL cannot be held liable for any damages incurred during the process.

Getting the Access Point Online

Step 1:

Power up the device & connect to the network

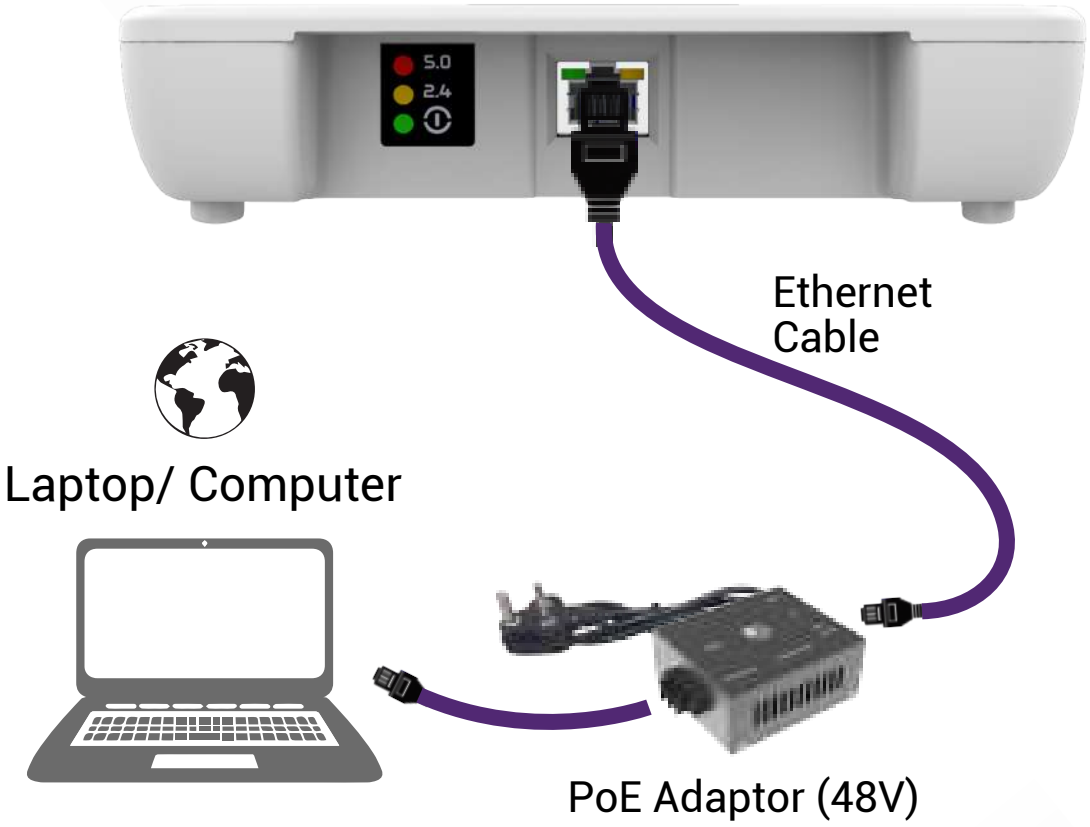
Follow the steps mentioned below to connect the Access Point to a network:



Note: Plug and Adaptor will vary by country/region.

Section 1: Standalone AP

1. Connect an ethernet cable to the computer.
2. Connect the other end of the ethernet cable to the data port on PoE adaptor.



3. Connect ion4i PoE supported Ethernet port to PoE adaptor power port. Device will be powered on.
4. Configure the computer with a same domain static IP 192.168.1.X and a subnet mask of 255.255.255.0 (X is from 2 to 255)
5. Open the web browser and enter the Access Point static IP address in the address bar: 192.168.1.1

6. A login screen will appear.

7. Enter the default login credential details:
User- root, Password- hfcl!@ion

Section 2: Controller Managed AP

Follow the steps mentioned to connect Access Point to a network:

1. Power-up the AP through PoE adapter or PoE switch

2. Connect the AP to DHCP network and Internet

3. Login to HFCL io cloud controller (cNMS) iocloud.hfcl.com with the credentials provided

3a. To get cNMS login credential, please send request email to iosupport@hfcl.com with below details

Customer name	Customer email address	Customer address	Customer contact number	Distributor/ Retailer Name	No.of AP Purchased	Country

:: 4. Add AP group under configuration

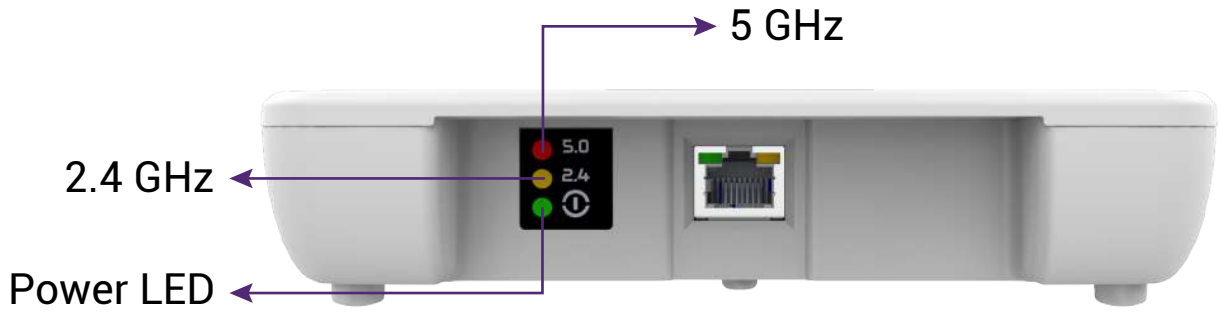
:: 5. Add APs in the AP group

:: 6. Create SSID in the AP group

:: 7. Refer our website io.hfcl.com for detailed information to configure AP through cNMS

Step 2:

Check the LED status



LED COLOR	STATUS
Power LED	Green color notifies the user that the device is powered ON
2.4 GHz Status LED	Solid yellow color notifies the user that the 2.4 GHz radio is active and blinks while data is being transmitted on 2.4 GHz radio
5 GHz Status LED	Solid red color notifies the user that the 5 GHz radio is active and blinks while data is being transmitted on 5 GHz radio

Safety Precautions

Observe the following safety precautions
to avoid damage to the Access Point:

- Do not subject the device to high temperatures
- Keep away from high-voltage cables
- Do not power the device during installation
- Do not power off the unit in the middle of an upgrade process
- Do not open the enclosure of the Access Point
- Fasten the device tightly with the mount

Part Number: QSG-01-0001
Revision: B

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