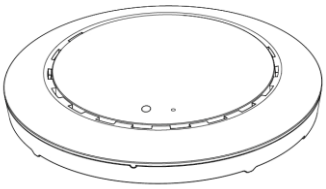
COMTREND

Quick Installation Guide

WAP-EN300C | N300 Ceiling Mount Access Point

I Product Information

I-1. Package Contents



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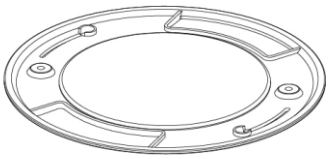

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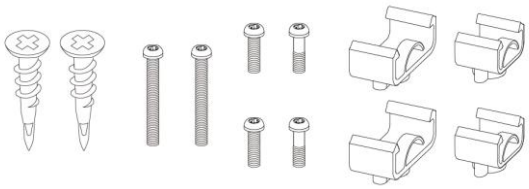

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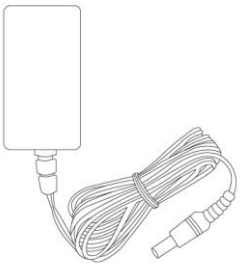


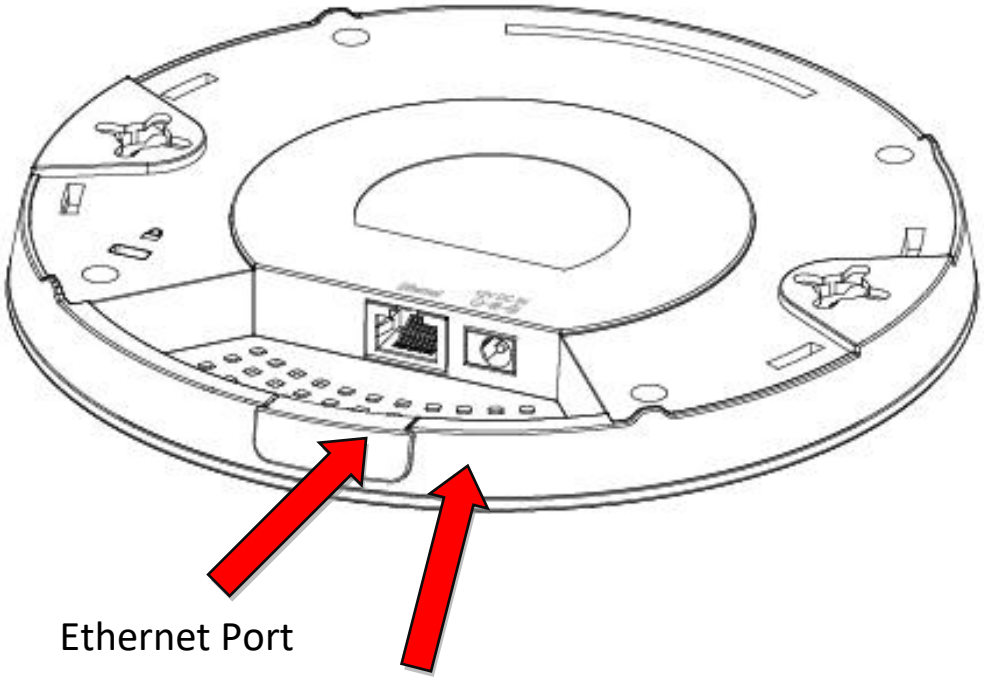
5

1. Access Point
2. Ceiling Mount Bracket
3. Drop Ceiling Mounting Kit
4. Quick Installation Guide
5. Power Adapter

I-2. System Requirements

- Existing cable/DSL modem & router.
- Computer with web browser for access point configuration.

I-3. Hardware Overview



I-4. LED Status

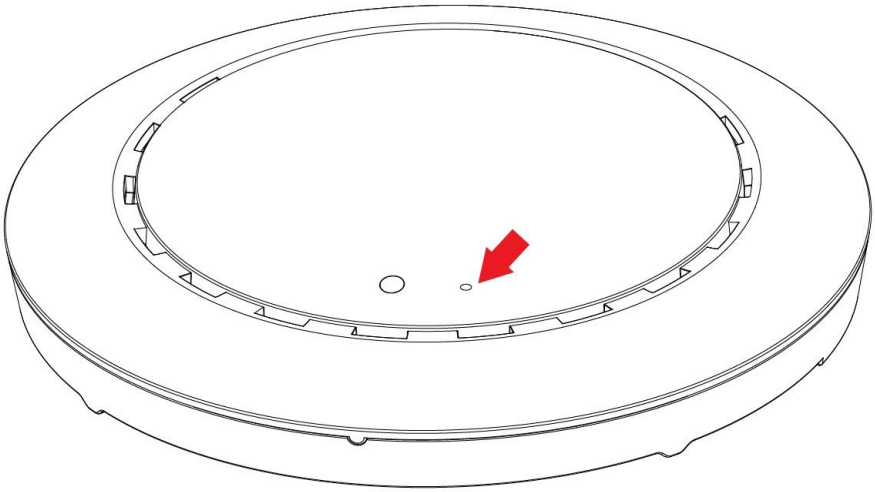
LED Color	LED Status	Description
Purple	**On**	The access point is starting up.
Blue	**On**	The access point is on.
Amber	**Flashing**	Error.
Off	**Off**	The access point is off.

I-5. Reset

If you experience problems with your access point, you can reset the device back to its factory settings. This will reset all settings back to default.

1. Press and hold the reset button on the access point for at least 10 seconds. Then release the button.

You may need to use a paperclip or pencil to push the reset button.



2. Wait for the access point to restart. The access point is ready for setup when the LED is **Blue**.

I-6. Mounting the access point to a ceiling

To mount the access point to a ceiling, please follow the instructions below and refer to diagrams **A** & **B**.

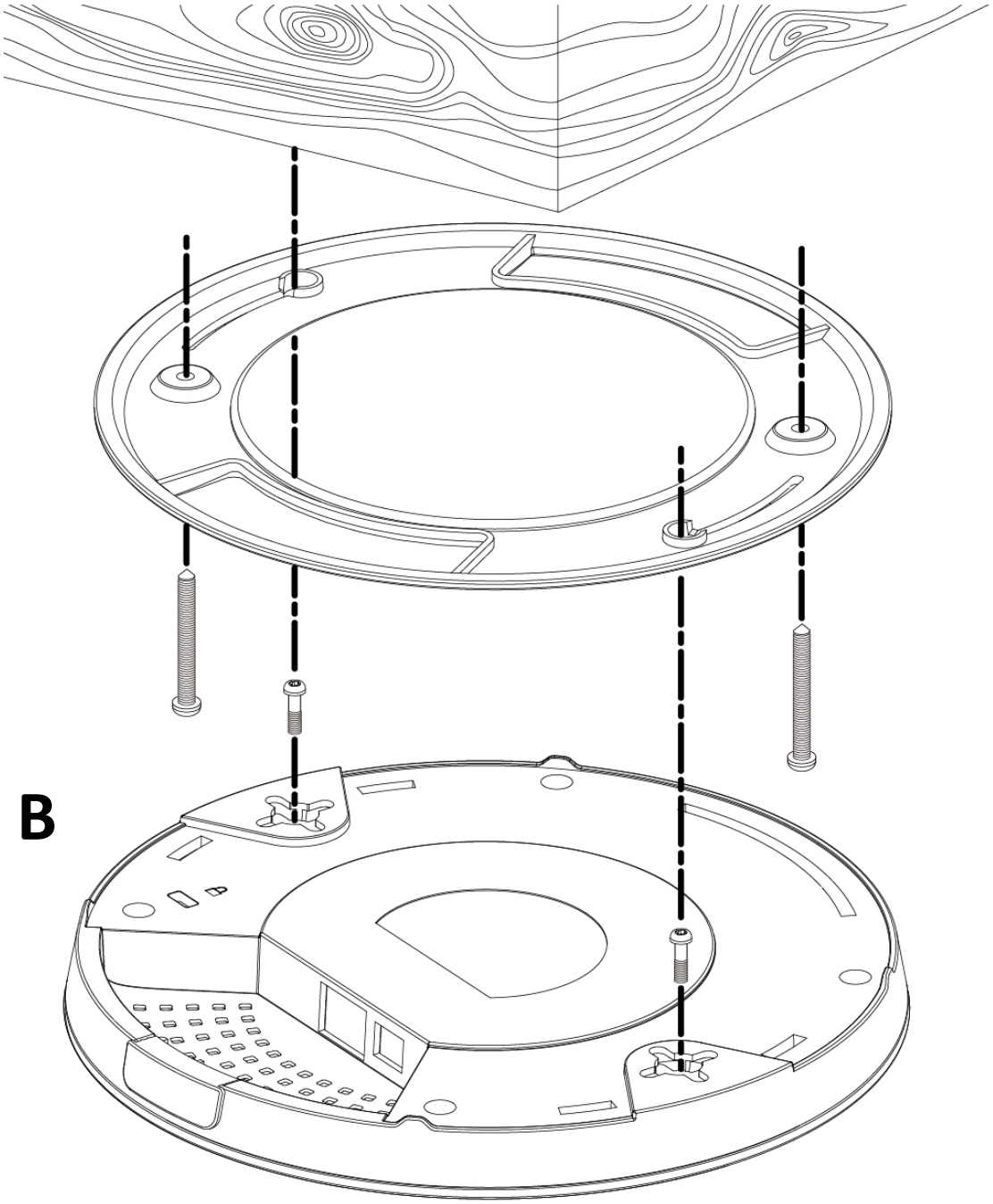
For Ceiling Mounting (refer to diagram A and diagram B):

1. Using the supplied screws, attach the ceiling mounting bracket to the ceiling in the location you have selected (Diagram A). Use the included screw anchors when necessary (Diagram B). Tighten the screws to hold the bracket firmly to the ceiling.

2. Insert the two screws (see diagram) in to the wireless access point.

3. Attach the wireless access point to the ceiling bracket by inserting the heads of the screws of the access point in to the channel guides on the ceiling bracket.

4. Rotate the wireless access point to lock the access point firmly in to place.


B

I-7. Drop Ceiling/Suspeded Ceiling Mount

To mount the access point to a drop ceiling rail, follow the instructions below and refer to diagram **C, D** & **E**.

1. Select the correct size rail bracket. Two sizes have been included with this access point.

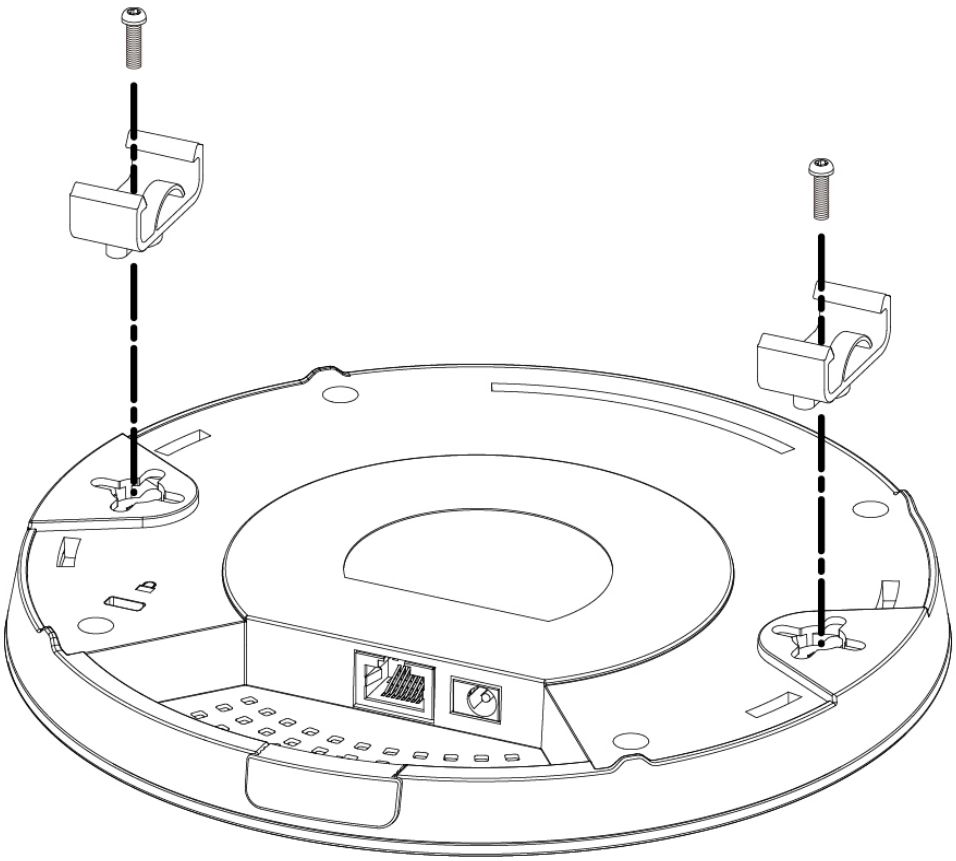
2. Attach the rail brackets to the access point as shown in Diagram **C**.

   If more clearance is needed between the access point and the rail, use the optional standoff between the access point and rail clip (Diagram D). Use the longer screws (included) to attach the clips to the access point.

3. Attach the access point to the ceiling rail as shown in Diagram E.

4. Clip the access point onto your ceiling rail using the now attached rail clip.

C



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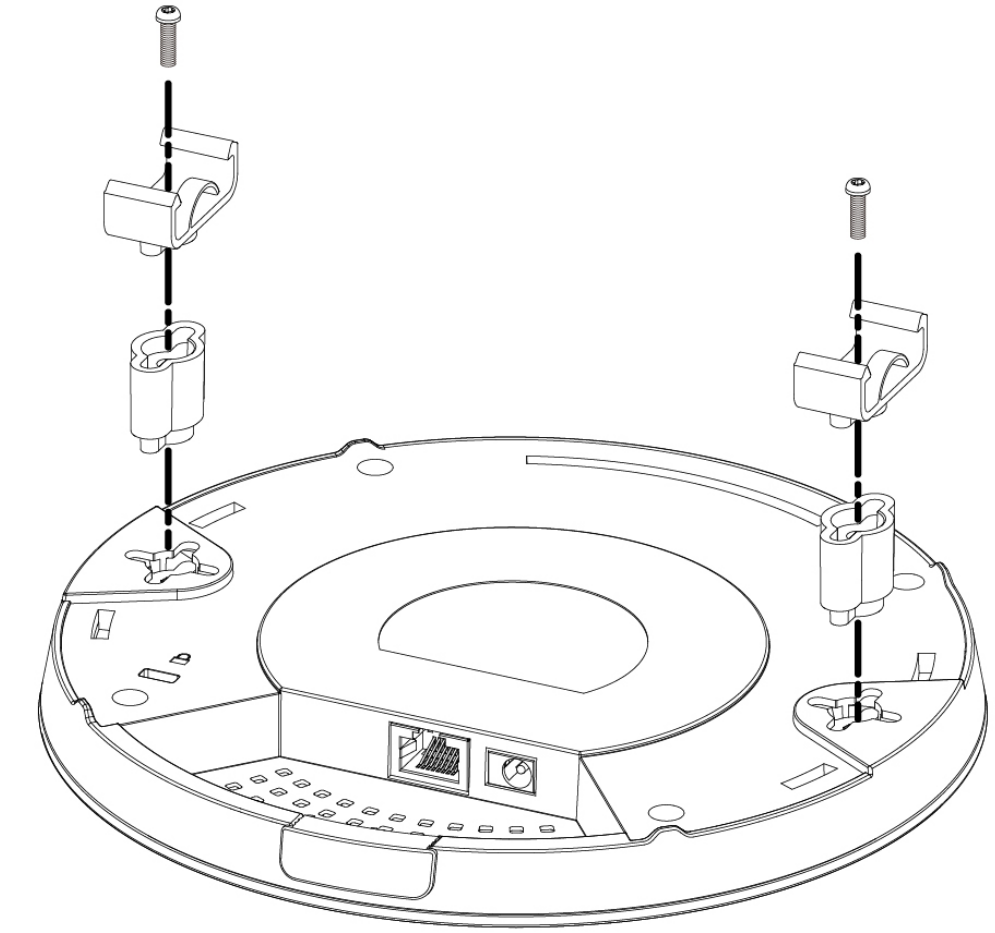
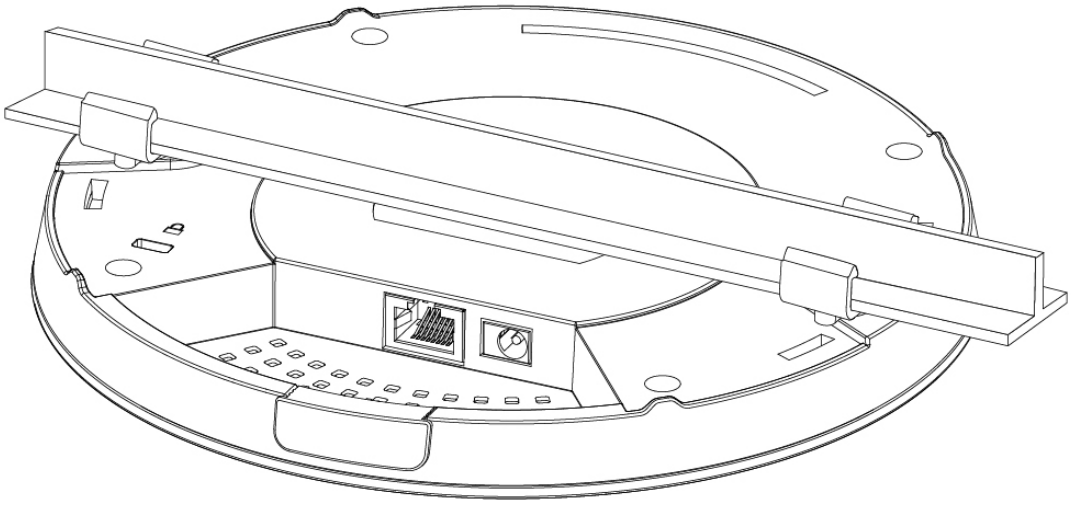


E

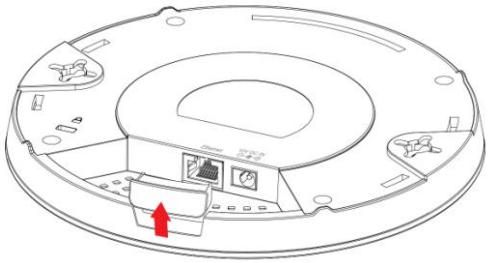


II Quick Setup

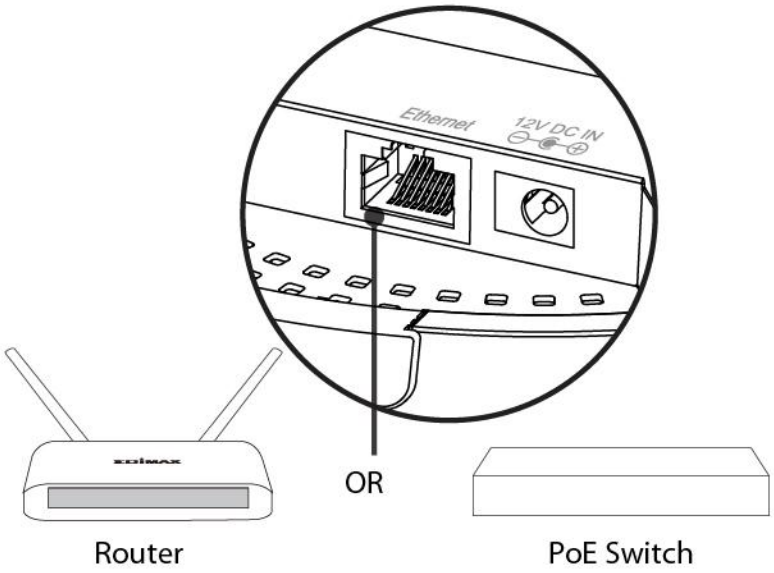
Your access point is preconfigured in a secured setup and ready for use right out of the box. The following instructions will help you install your access point and customize your settings.

II-1. Initial Setup

1. If you need to, remove the cap from the underside of the access point. This creates extra space for your cables to pass through.

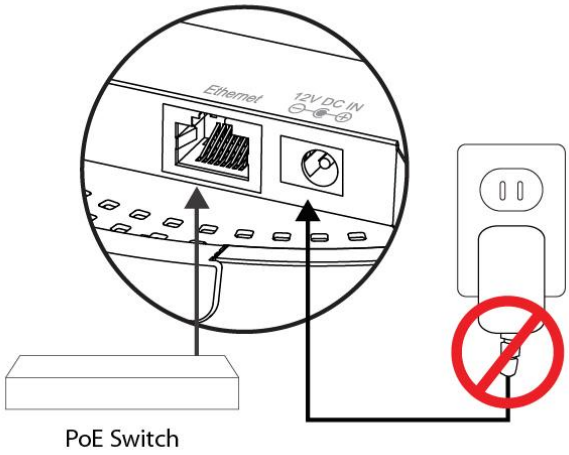


2. Connect a router or PoE switch to the access point's **LAN** port using an Ethernet cable.



3. If you are using a router, then connect the power adapter to the access point's 12V DC port and plug the power adapter into a power supply.

4. If you are using a PoE (Power over Ethernet) switch then it is not necessary to use the included power adapter, the access point will be powered by the PoE switch.



5. Wait a moment for the access point to start up. The access point is ready when the LED is **Blue**.

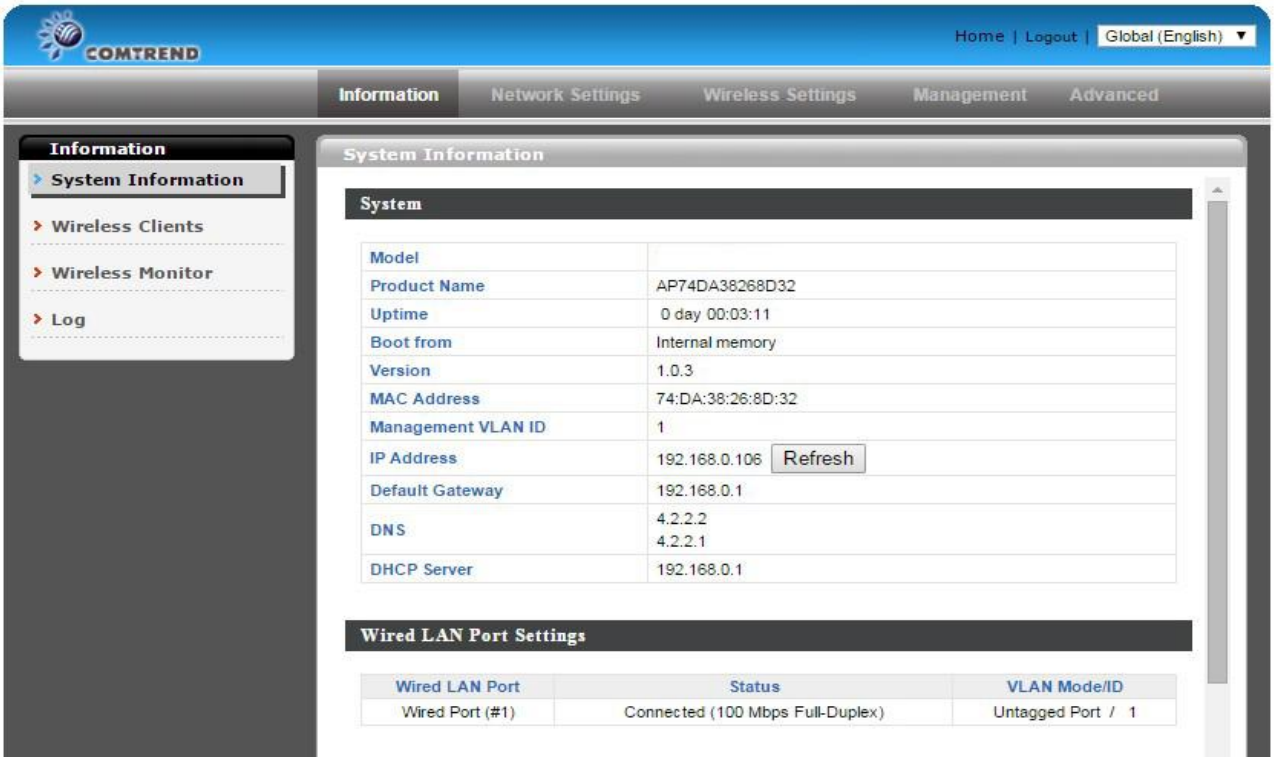
6. Set your computer's IP address to **192.168.2.x** where **x** is a number in the range **3 – 100**.

DHCP is enabled on the access point by default. If no DHCP Service is found, the access point will default to IP address 192.168.2.2.

7. Enter the access point's default IP address **192.168.2.2** into the URL bar of a web browser. (Default IP address of 192.168.2.2 is used when no DHCP Server is found)

8. You will be prompted for a username and password. Enter the default username "admin" and the default password "1234".

9. You will arrive at the "System Information" screen shown below.



10. Follow the instructions below in **II-2. Basic Settings** to configure basic settings.

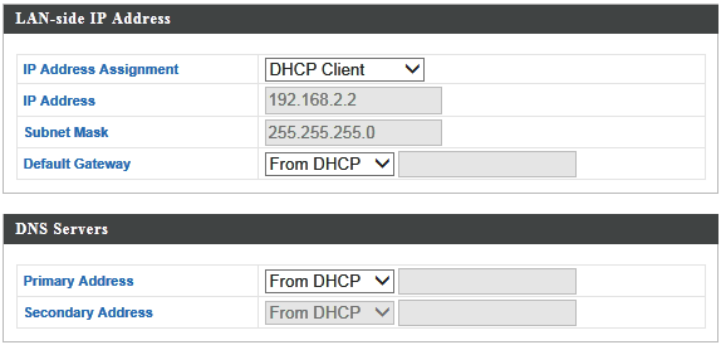
II-2. Basic Settings

The instructions below will help you configure the following basic settings of the access point:

- ***LAN IP Address***
- ***2.4GHz SSID & Security***
- ***Administrator Name & Password***
- ***Time & Date***

It is recommended you configure these settings before using the access point.

1. To change the access point's LAN IP address, go to **"Network Settings" > "LAN-side IP Address"** and you will see the screen below.

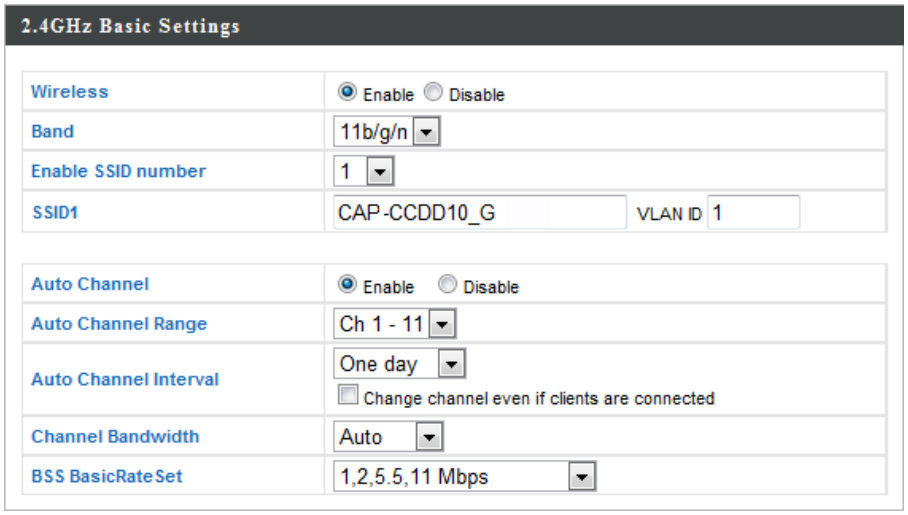


2. Enter the IP address settings you wish to use for your access point. You can use a dynamic (DHCP) or static IP address, depending on your network environment. Click "Apply" to save the changes and wait a few moments for the access point to reload. (Default setting is DHCP Enabled)

When you change your access point's IP address, you need to use the new IP address to access the browser based configuration interface instead of the default IP 192.168.2.2

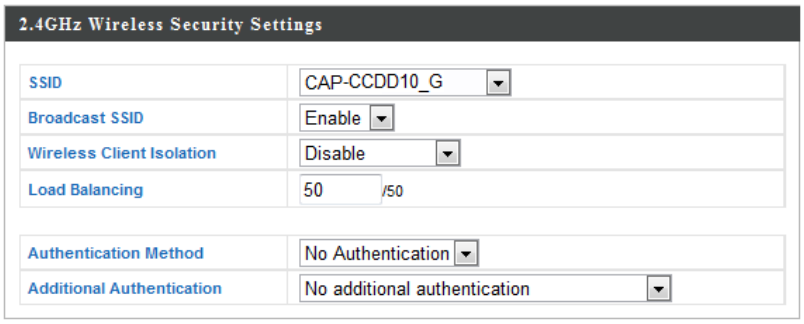
3. To change the SSID of your access point's 2.4GHz wireless network(s), go to **"Wireless Setting" > "2.4GHz 11bgn" > "Basic"**. Enter the new SSID for your 2.4GHz wireless network in the "SSID1" field and click "Apply".

To utilize multiple 2.4GHz SSIDs, open the drop down menu labelled** "Enable SSID number" **and select how many SSIDs you require. Then enter a new SSID in the corresponding numbered fields below, before clicking "Apply".

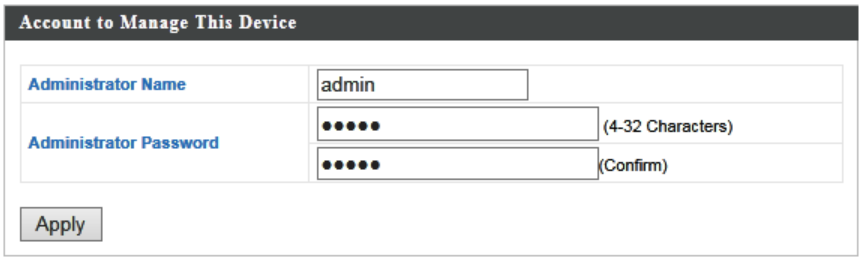


4. To configure the security of your access point's 2.4GHz wireless network(s), go to **"Wireless Setting" > "2.4GHz 11bgn" > "Security"**. Select an "Authentication Method" and enter a "Pre-shared Key" or "Encryption Key" depending on your choice, then click "Apply".

If using multiple SSIDs, specify which SSID to configure using the "SSID" drop down menu.

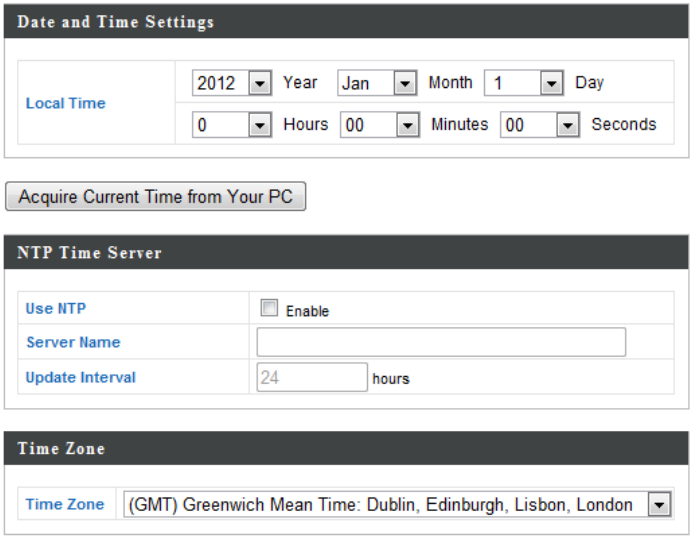


5. To change the administrator name and password for the browser based configuration interface, go to **"Management" > "Admin"**.



6. Complete the "Administrator Name" and "Administrator Password" fields and click "Apply".

7. To set the correct time for your access point, go to **"Management" > "Date and Time"**.



8. Set the correct time and time zone for your access point using the drop down menus. The access point also supports NTP (Network Time Protocol) so alternatively you can enter the host name or IP address of a time server. Click “Apply” when you are finished.

You can use the “Acquire Current Time from your PC” button if you wish to set the access point to the same time as your PC.

9. The basic settings of your access point are now configured. Please refer to **III. Hardware Installation** for guidance on connecting your access point to a router or PoE switch.

III Browser Based Configuration Interface

The browser-based configuration interface enables you to configure the access point’s advanced features. The access point features a range of advanced functions such as MAC filtering, MAC RADIUS authentication, VLAN configurations, up to 16 SSIDs and many more. To access the browser based configuration interface:

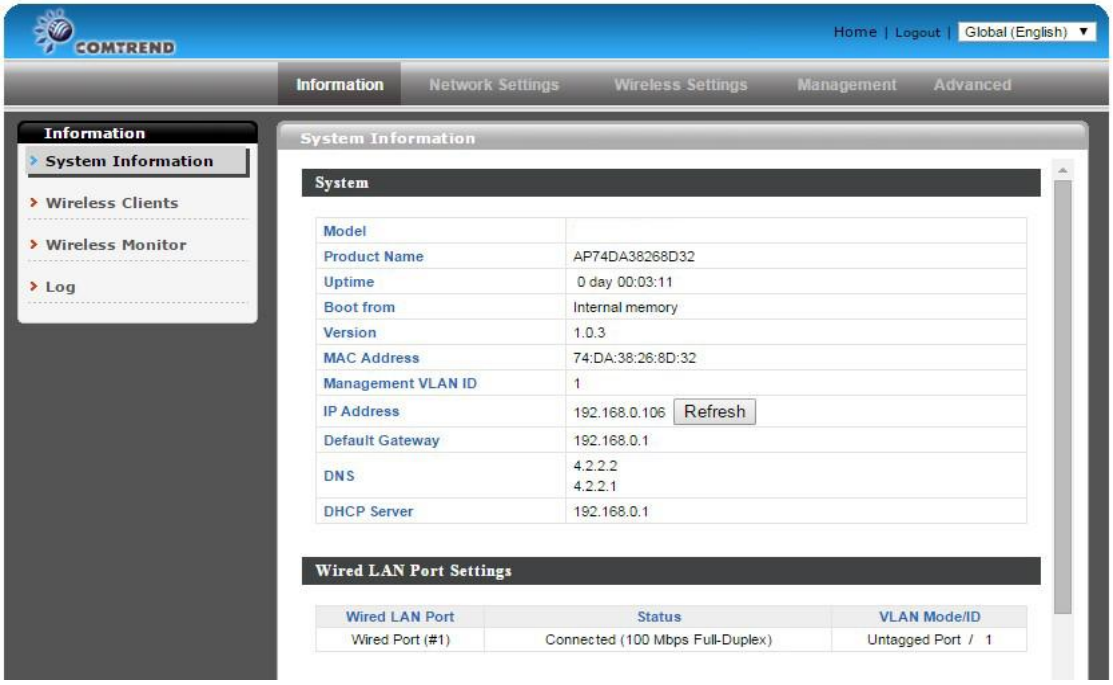
1. Connect a computer to your access point using an Ethernet cable.

2. Enter your access point’s IP address in the URL bar of a web browser. The access point’s default IP address is **192.168.2.2. (Default IP address applies if No DHCP Server is detected).**

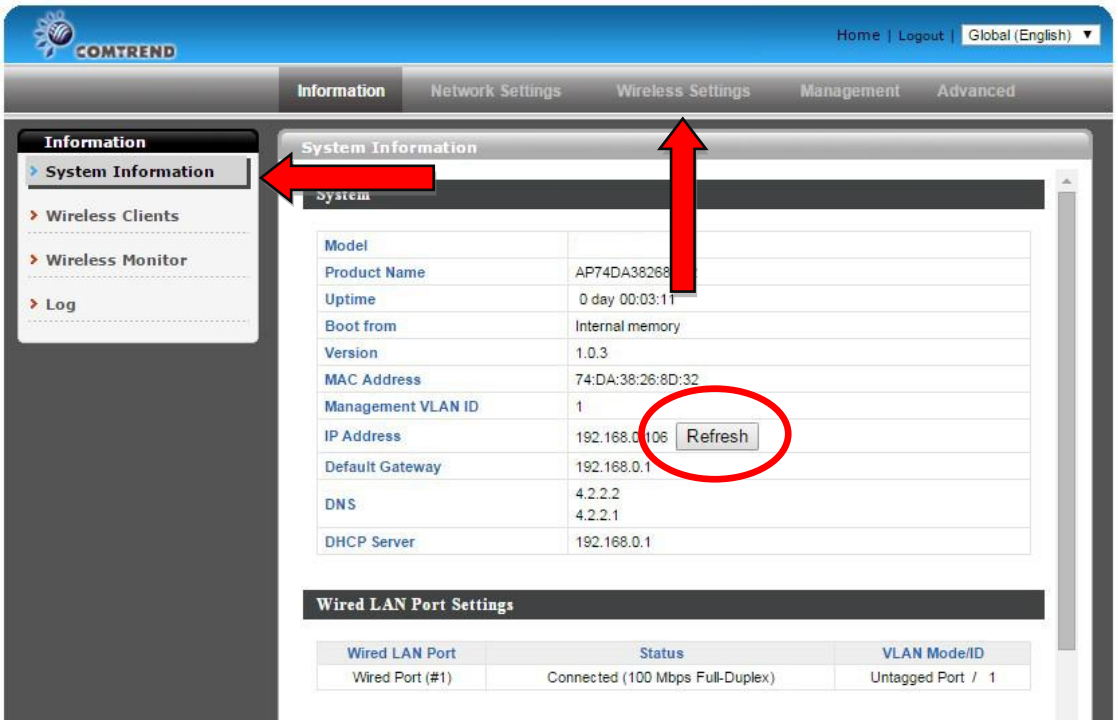
3. You will be prompted for a username and password. The default username is “admin” and the default password is “admin”, though it was recommended that you change the password during setup (see **II-2. Basic Settings**).

If you cannot remember your password, reset the access point back to its factory default settings. Refer to *I-5. Reset*

4. You will arrive at the "System Information" screen shown below.



5. Use the menu across the top and down the left side to navigate.



6. Click "Apply" to save changes and reload the access point, or "Cancel" to cancel changes.

Wait a few seconds for the access point to reload after you "Apply" changes.

IV Your Device is Now Connected!

Important Notice

Please upgrade your product with the latest firmware to enjoy the newest features. Visit us.comtrend.com for the latest firmware and product documentation. For your convenience, a QR code can be scanned in the bottom of the page.

FOR MORE HELP: For instructions on advanced features, FAQ, etc., please visit our online Product Webpage:
http://us.comtrend.com/products/public/product/home-networking/wap-en300c.html

For more information:
Facebook: https://facebook.com/Comtrend
Website: http://us.comtrend.com/
Support: Visit our website or call 1-877-COMTREND (1-877-266-8736)

us.comtrend.com

Federal Communication Commission Interference Statement

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. 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 must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

WiFi

To prevent interference with cordless phones, ensure that gateway is at least 5 feet (1.5m)from the cordless phone base station.This equipment complies with EU 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.

EMC Warning

This equipment complies with EU 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.

Safety

1. This product is designed for indoor use only; DO NOT install the adapter outdoors.
2. DO NOT put this product at or near hot or humid places, e.g. kitchen or bathroom. DO NOT use any spray or liquids on it.
3. DO NOT touch the product with wet hands and DO NOT clean the product with a wet cloth. Use a soft, dry cloth to clean the device.
4. DO NOT expose the product to lit candles, cigarettes, open flames, high or low temperatures, etc.
5. DO NOT pull any connected cable with force; disconnect it from the power first.
6. Ensure proper ventilation, so that air flows freely around the product.
7. If you find that the product is not working properly, please contact your dealer of purchase and ask for help. Do NOT open the casing
8. DO NOT disassemble the product, warranty will be void.

COMTREND

Supplier's Declaration of Conformity

We
Company: **Comtrend Corporation - North America**
Address: **14 Chrysler, Irvine, CA, 92618**

Certify and declare under our responsibility that the following equipment:
Product Name: **N300 Ceiling Mount Access Point**
Model Name: **WAP-EN300C**
Brand Name: **COMTREND**

Is tested with the declaration described above, and is in conformity with the relevant FCC (Federal Communication Commission) standards, and technical specifications have been applied:

EMC:

47 CFR FCC Rules and Regulations Part 15 Subpart **B** , Class **B** Digital Device

Signature:
Printed Name: John Castreje
Departments : Comtrend Corporation - North America
Position: General Manager of North America
E-mail : certify@comtrend.com
Date: 2018/07/02

Notes:

15.19(a)(3) Regulations :

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 must accept any interference received, including interference that may cause undesired operation.

Class B :

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 or more 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.