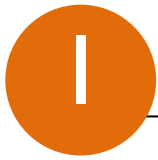


Quick Installation Guide

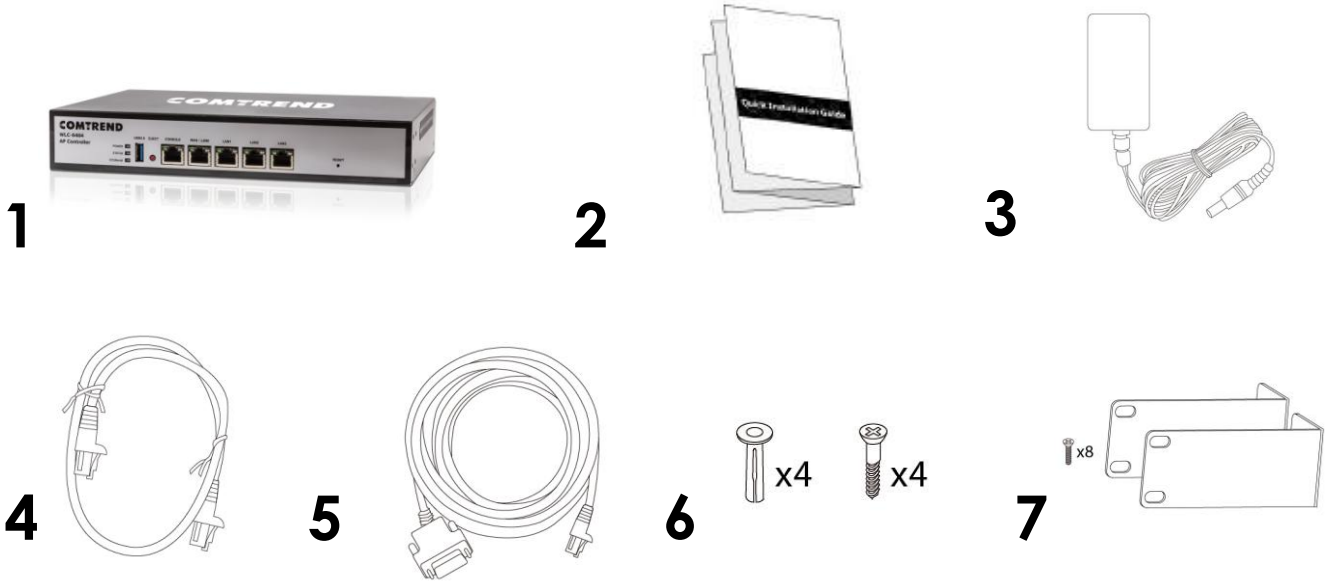
WLC-6404 | Wireless Access Point Controller





Product Information

I-1. Package Contents



1. Wireless Access Point Controller

2. QIG

3. Power Adapter

4. Ethernet Cable

5. Console Cable

6. Mounting Screws & Anchors

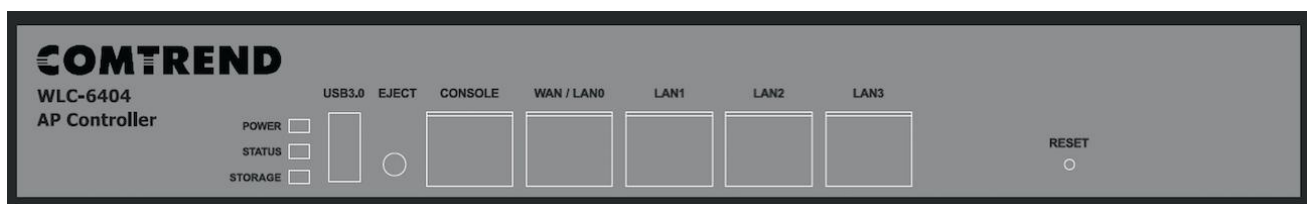
7. Rack-Mount Brackets

I-2. Hardware Overview

Front Panel

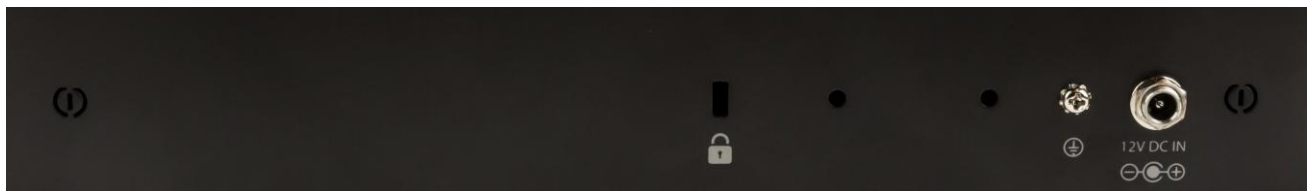
The front panel of the controller consists of:

- A Series of LED Indicators
- USB 3.0 Slot
- USB Eject Button
- RJ-45 Console Port
- WAN/LAN0 Port
- 3 x 10/100/1000Mbps RJ-45 Ports
- Factory Reset Button



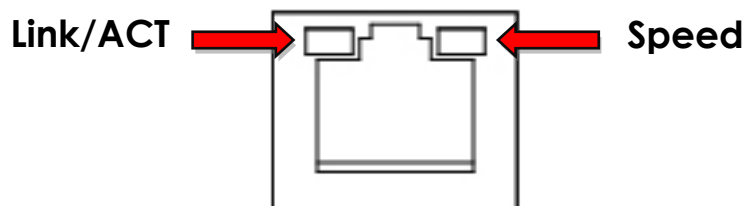
Rear Panel

The rear panel of the controller features the DC power connector.
(DC IN 12V / 1.5A)



I-3. LED Indicators

WAN & LAN Ports 1 – 3 LEDs:



LED	LED Status	Mode	Description
Power	Blue	On	Controller is on
		Off	Controller is off
Status	Blue	On	Controller is working properly
		Off	Controller is offline
Storage	Blue	On*	USB storage is attached
		Off	USB storage is not attached
Link/ACT	Green	On	Active Ethernet connection to remote network device
		Flashing	Network activity to remote network device
		Off	No network device connected
Speed	Green	On	1000Mbps connected
		Off	10/100Mbps connected or disconnected

*When the device is powered on, the Storage LED will be "On" as there is an internal storage.

I-4. Wall Mount

The AP Controller includes screws to mount your controller to a wall.

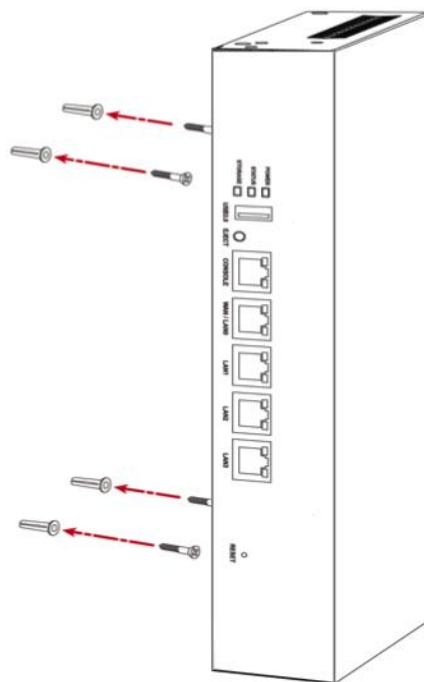


Remove the rubber feet from the underside of the AP Controller by pulling gently before using the wall mount.

1. Identify and mark the correct screw positions on your selected wall.
2. Attach the AP Controller to your wall using the included screws, as shown in the below diagram.
3. Ensure the AP Controller is fixed to the wall firmly and oriented correctly, as shown in the below diagram.



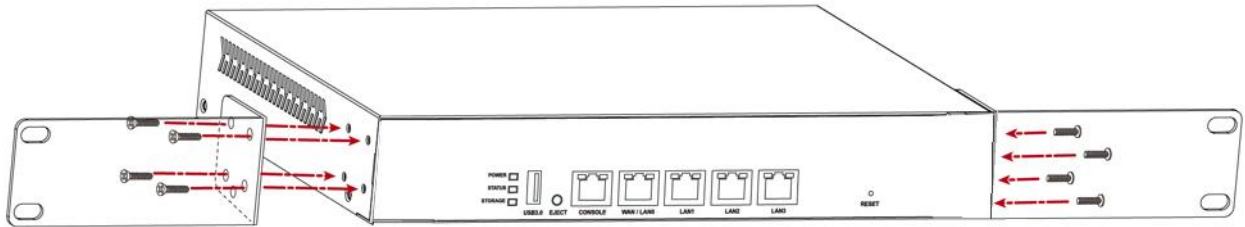
Ensure your controller is securely attached to the wall.



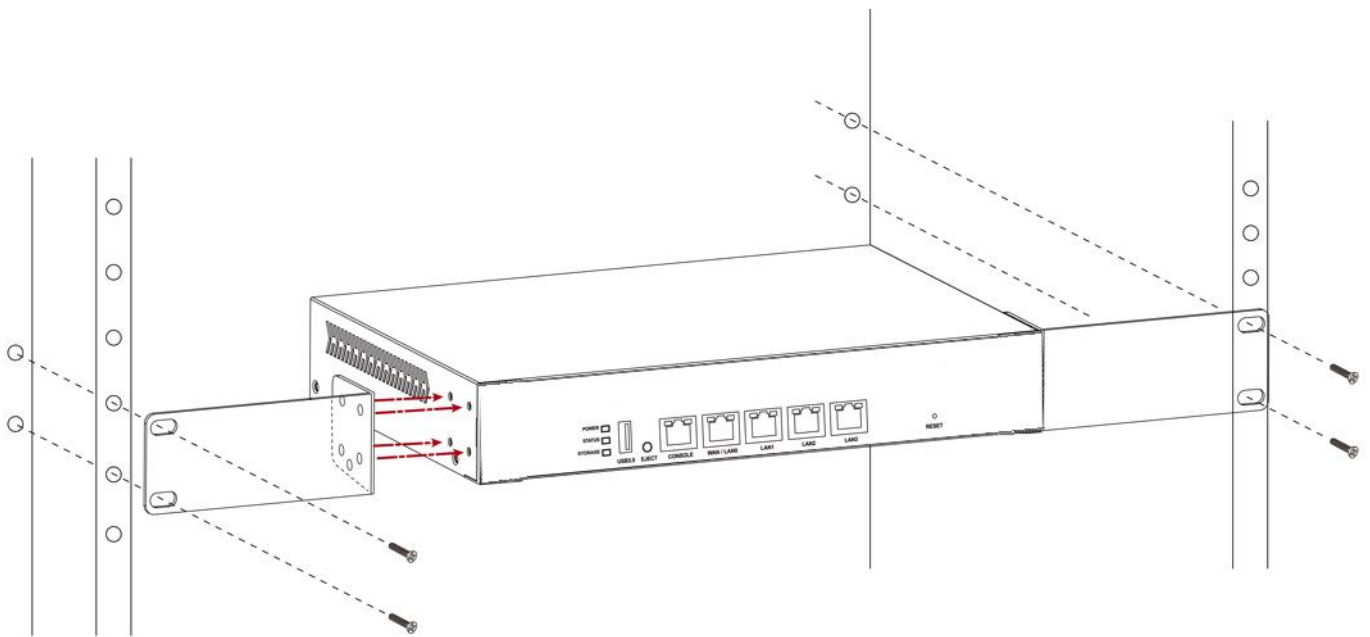
I-5. Rack-Mounting Installation

The controller can be rack-mounted and placed in a wiring closet with other equipment.

1. Attach the mounting brackets on the controller's side panels (one on each side) and secure them with the screws provided.



2. Use the screws provided with your equipment rack to mount the controller on the rack and tighten it.

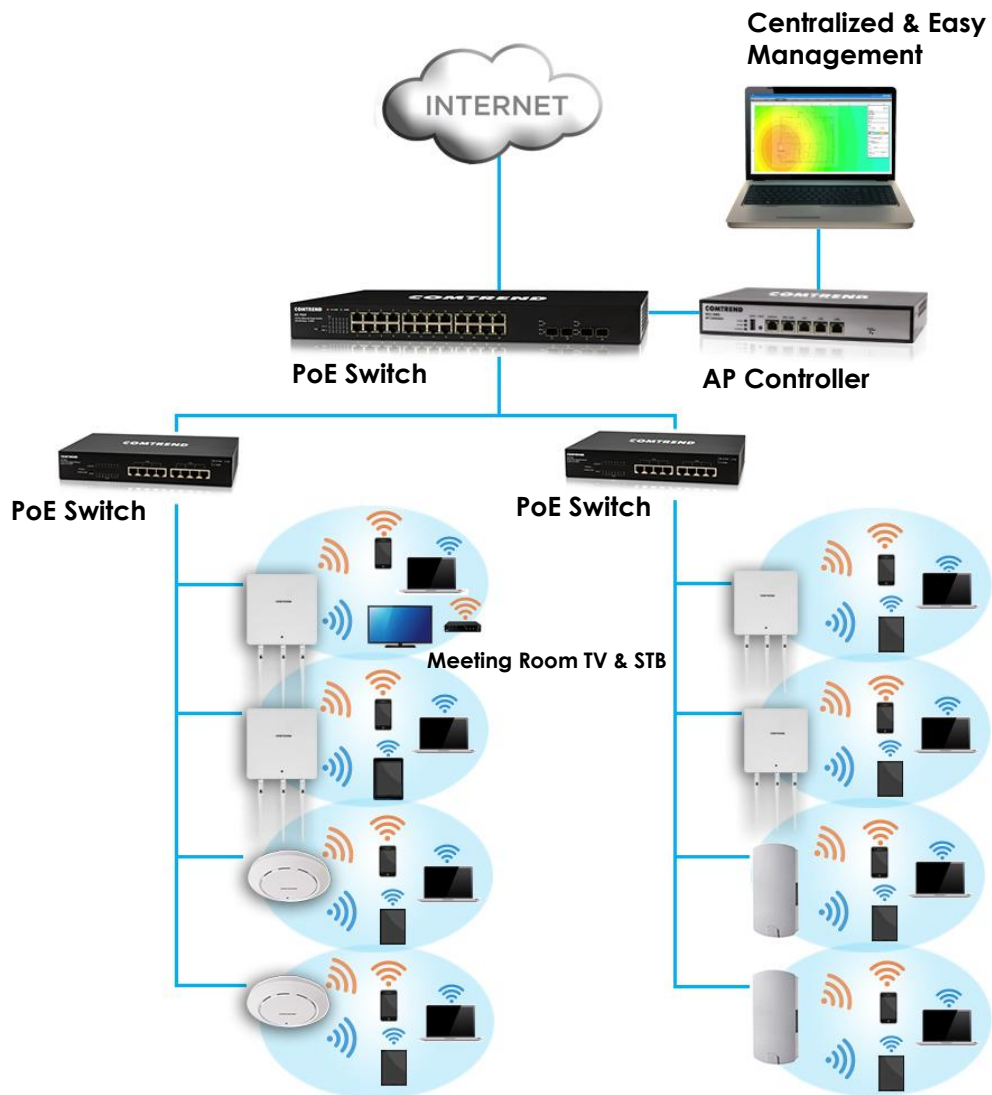




Quick Setup

The AP Controller supports central management for up to 32 access points, reducing costs and facilitating efficient remote AP management.

An overview of a recommended network diagram is shown below:

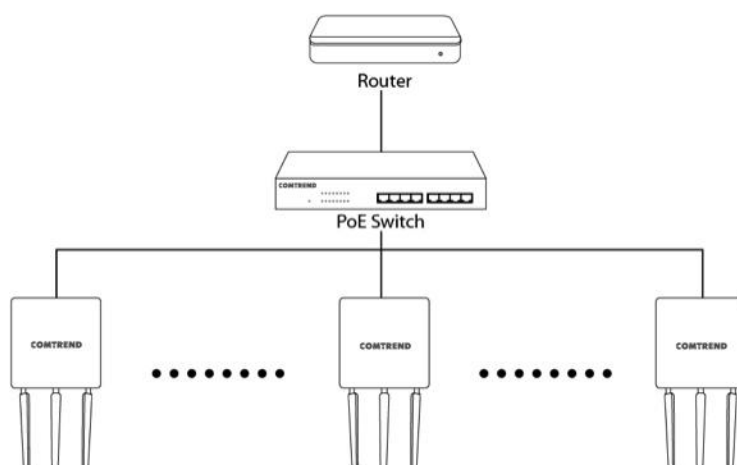


The AP Controller connects to a network via a switch or directly to a router. Connected access points are automatically designated as Managed AP's. Using the AP Controller you can configure, monitor and manage all Managed AP's (up to 32 connected by switches) from the single AP Controller.

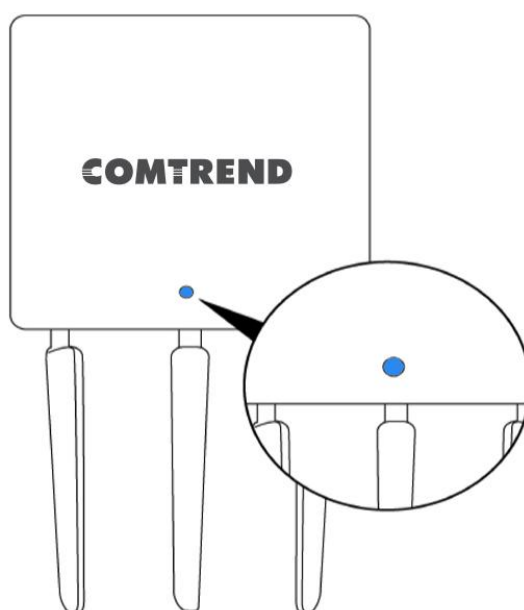
1. Connect all AP's to a PoE switch (that is connected to a gateway/router).



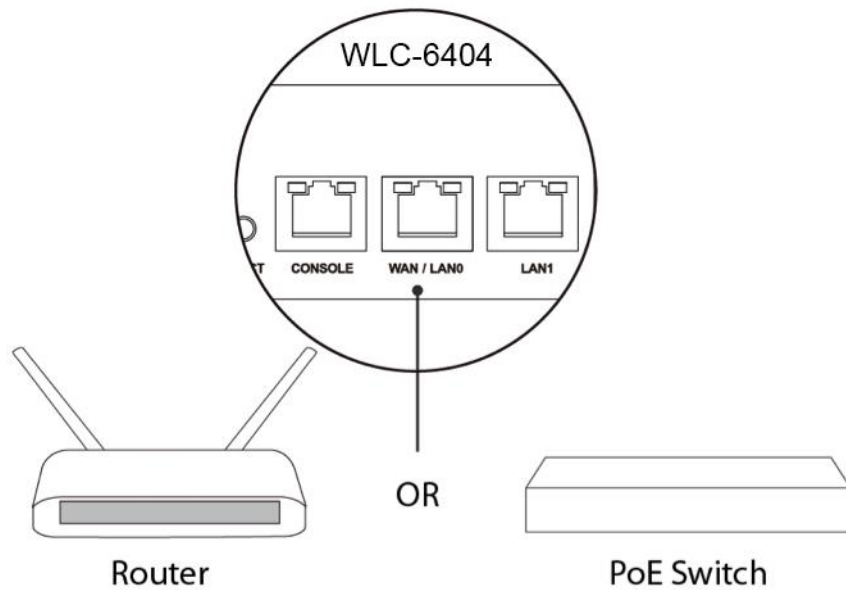
You can use your router as a DHCP server or you can configure your AP Controller later to function as a DHCP server.



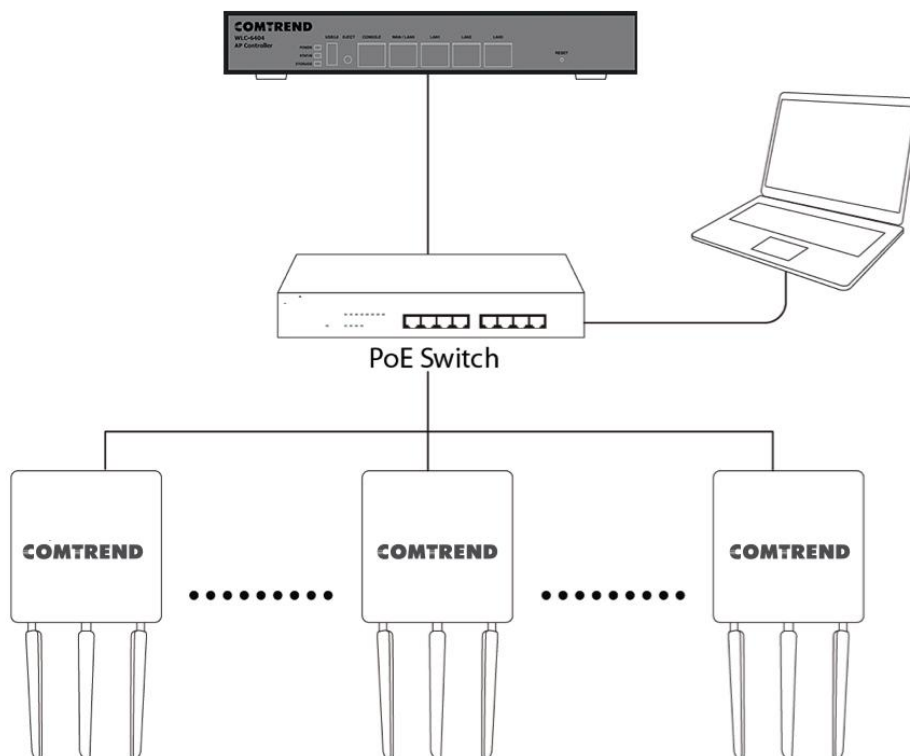
2. Ensure all APs are powered on and check LEDs.



3. Connect the AP Controller to the PoE switch (LAN port) or gateway/router (WAN port) and then connect the power supply.



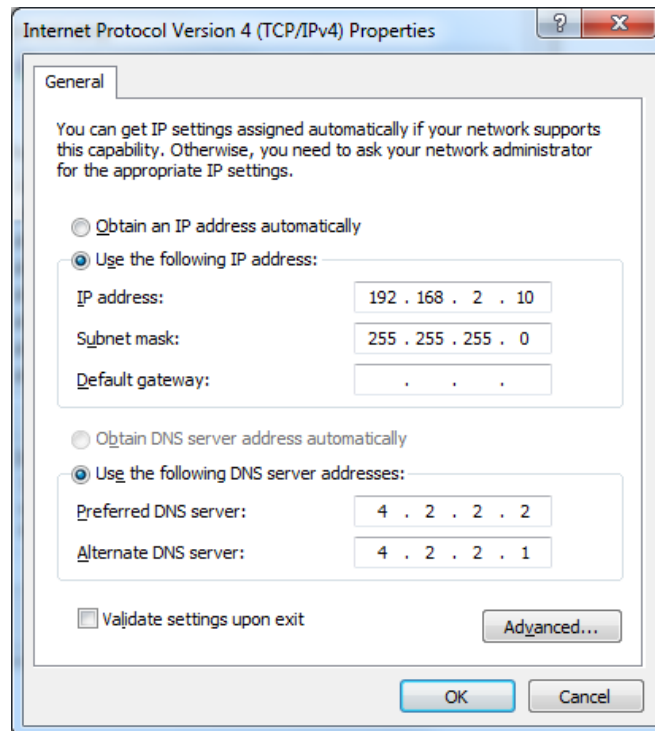
4. Connect a computer to the AP Controller using an Ethernet cable.



5. Open a web browser and enter the AP Controller's IP address in the address field. The default IP address is **192.168.2.1**



Your computer's IP address must be in the same subnet as the AP Controller. Refer to the user manual for more help.



If you changed the AP Controller's IP address, or if your gateway/router uses a DHCP server, ensure you enter the correct IP address. Refer to your gateway's/router's settings.

6. Enter the username & password to login. The default username & password are **admin** & **1234**.
7. You will arrive at the AP Controller Dashboard. This includes a wizard to quickly setup the LAN IP address, admin login & time/date settings for the AP Controller, as well as SSID & security for Managed AP's. Click "Wizard" in the top right corner to begin.



8. Follow the instructions on-screen to complete **Steps 1 - 6** and click **“Finish”** to save the settings.



If any of your Managed AP's are not found during “Step 5 Select Free Aps”, then reset the Managed AP to its factory default settings. Refer to the AP's user manual for help.

9. Your AP Controller & Managed AP's should be fully functional with all of the basic settings configured. Use the top menu to navigate around NMS (Network Management Suite) settings.



Use **Dashboard, Zone Plan, NMS Monitor & NMS Settings** to configure Managed APs.

Use **Local Network & Local Settings** to configure your AP Controller.



Refer to the user manual for more information.



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.

For more information:

YouTube: <https://www.youtube.com/user/ComtrendConnection>

Facebook: <https://facebook.com/Comtrend>

Website: <http://us.comtrend.com/>

Support: Visit our website or call 1-877-COMTREND (1-877-266-8736)



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: **Wireless Access Point Controller**

Model Name: **WLC-6404**

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.

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.