

**C4500MG**  
**USER**  
**GUIDE**

**Version 1.0**



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## 1 Introduction

Please read through this user guide prior to using this product and retain the manual for future use. Only operate this device upon the full understanding of the devices basic operation as described in this manual.

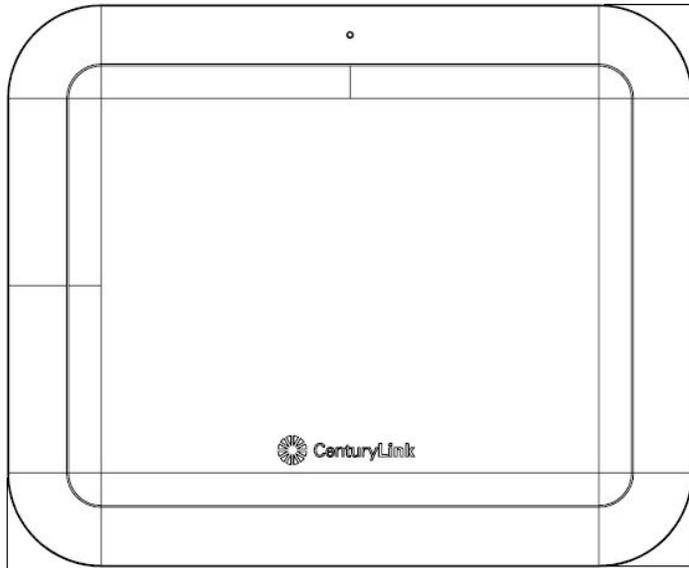
Any deviation or alteration of this product, it's appearance or specification are without consent or further notice of the company.

## 2 Overview

The C4500MG is a high performance 2x2 Wi-Fi 6 router (802.11ax) with a four-port built-in it Gigabit Ethernet switch. The C4500MG allows wired and wireless clients to safely access the Internet. Additionally, the C4500MG includes a Gigabit Ethernet LAN port that can also serve as a WAN connection to support a either a WAN or LAN function. A SFP cage is included to allow Lumen approved SFP modules to access the internet through various connectivity options.

## 3 Setup

1. Mount the unit on a wall or media cabinet with the CenturyLink Logo on the bottom side (facing towards the unit)



2. Insert the power connector into the C4500MG.



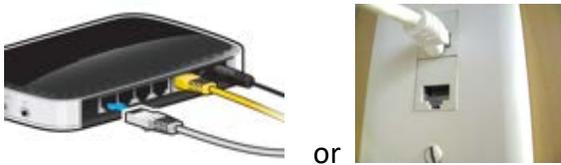
3. Plug the power adapter into a power outlet.



4. Plug the Ethernet Cable (White) into the C4500MG's white LAN/WAN Port



5. Plug other end of Ethernet cable into the CenturyLink support connections (ONT) or wall jack.



6. Continue to the Internet connection Setup.

## 4 Internet Connection Setup (CenturyLink Home Router side)

Your C4500MG can automatically detect and configure your Internet (section 4.1), or done manually (section 4.2).

### 4.1 Automatic Connection

1. Open your web browser to a website. Wait while your device tries to detect your connection to your ISP. This may take a few minutes.
2. After it detects the connection, the LED will show green on your C4500MG when the Internet is ready for you to use. If you have a PPPoE connection, you will have to enter the user name and password provided by your ISP.
3. Go to Set Up a Wireless Network if you wish to configure your wireless settings.
4. If the automatic connection is not successful, check your connections and restart the Device. Also, make sure you have entered the user name and password correctly. If you still cannot access the Internet, follow the steps in the next section to manually configure the Internet connection.

### 4.2 Manual Connection

You can also manually log into the router's Web UI to configure your Internet connection

1. In your browser, if the Device does not automatically re-direct you to the login screen, go to <http://192.168.0.1>
2. Enter the default user name admin and password (see the label on the bottom of the device). Click

1. Enter the administrator username and password below.

Administrator Username:	<input type="text" value="admin"/>
Administrator Password:	<input type="password" value="....."/>

Show Password The default administrator username and password can be found on the sticker located on the modem.

2. Click "Apply" to log in.

**Apply.**

If the login screen does not open, make sure you allow web browser pop-up windows, JavaScripts and Java permissions. Your computer should be also set to get an IP address automatically from a DHCP server.

3. The main screen will appear. Click the quick setup icon to configure the device's Internet access



4. Enter the user name and password provided by your ISP. Click Apply to finish the configuration.

1. Enter the PPP username and PPP password.

PPP Username:

PPP Password:

Confirm Password:

Hide Password

2. Select the time zone.

Time Zone:

3. Set the clock mode below.

Clock Mode:  Daylight Saving Time  Standard Time

4. Click "Apply" to save your settings.

5. The LED at the top of the C4500MG will light up green upon full internet access. If it is Red, please contact CenturyLink support to troubleshoot. Alternatively, you can look at the status within the Web UI to try to determine what the issue might be.

## 5 Setting up a wireless network

You can setup a wireless network using the following methods using an automatic connection (section 5.1) or manually connecting the device (section 5.2):

### 5.1 Using WPS (Wireless Protected Setup)

1. Press the WPS button on the back of the C4500MG's for more than five seconds to turn WPS on.
2. You should see the LED light on the front of the unit blinking White until a pairing sequence has started with the device connecting to the network (at which point it will alternate white and green).
3. Press the WPS button on the device you wish to connect to the network
4. If a successful connection is established, the LED will alternate Green, then white, then solid green once normal active operations continue.

### 5.2 Setting up a wireless network manually

The wireless LAN on your C4500MG is enabled by default. To add a wireless client to the network, use the settings found on the bottom label of your C4500MG. Configure wireless devices that you want to connect to the wireless network to use the same wireless settings as the C4500MG.

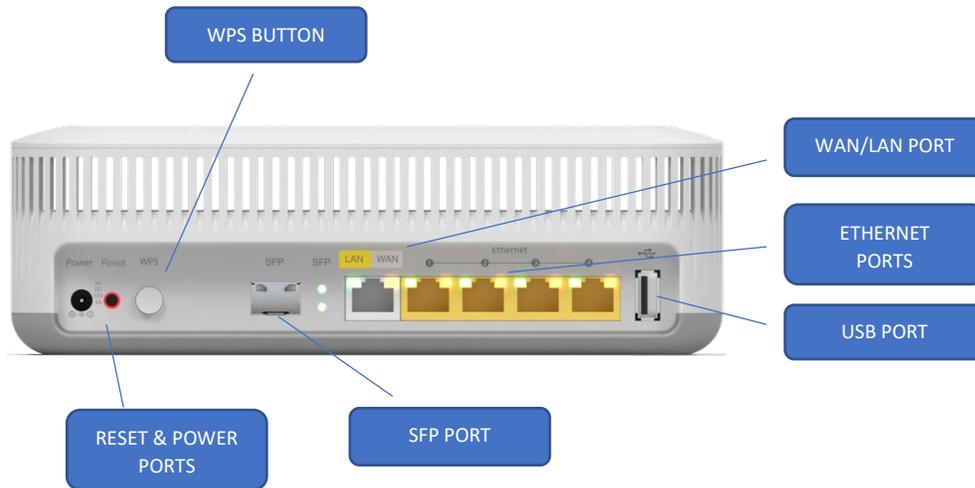
## 6 Getting to know the C4500MG

**Front**



LED Status

## Back



## 7 Technical Specifications:

### 7.1 General Specifications

Model Number:	C4500MG
Standards:	802.11n/ac/ax, and backward compatible to 802.11a/b/g
Memory:	1GB DDR3 Memory, 1GB Flash
IP:	IP versions 4 and 6
WAN:	SFP or Ethernet WAN port (for connecting to CenturyLink approved ONT devices) Wired WAN or LAN Ethernet: 10/100/1000 Mbps auto-sensing
Speed:	Wireless LAN PHY Rate: 2.4 GHz: 802.11ax - up to 600Mbps 5 GHz: 802.11ax - up to 2400Mbps
Wired LAN Ethernet:	4x Wired LAN Ethernet: 10/100/1000 Mbps auto-sensing
SFP Cage:	See CenturyLink support website for supported modules SFP Cage.

## 7.2 Dimensions and weight

Gateway (unit only)

Size: 2.56" (Height) x 8.07" (width) x 6.614" (Length).

Weight: 2.19 lbs / 0.996 kg

## 7.3 Environmental Parameters

Power: External, 12V DC, 3A

Only use power supply adapter or any type of connection accessory supplied with this product.

Certifications: FCC Part 15 (FCC ID MXF-C4000BG), UL : E218211

Operating Temperature: 10° C to 40° C (50° F to 104° F)

Storage Temperature: -20° C to 85° C (-4° F to 185° F)

Operating Humidity: 8% to 95% (non-condensing)

Storage Humidity: 5% to 100% (non-condensing)

## 8 FCC:

### **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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

**IMPORTANT NOTE:**

**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 **26cm** between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Country Code selection feature to be disabled for products marketed to the US/CANADA

Operation of this device is restricted to indoor use only.