

# QUICK START GUIDE

HITRON  
CGNM

Read me  
first!

- Connect to the network
- Set up your wireless network



## Check the box contents

STEP  
1

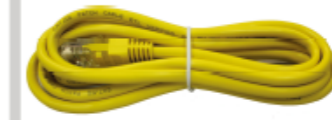
Look in the box and make sure you have the following:



HITRON CGNM



POWER ADAPTOR



ETHERNET CABLE



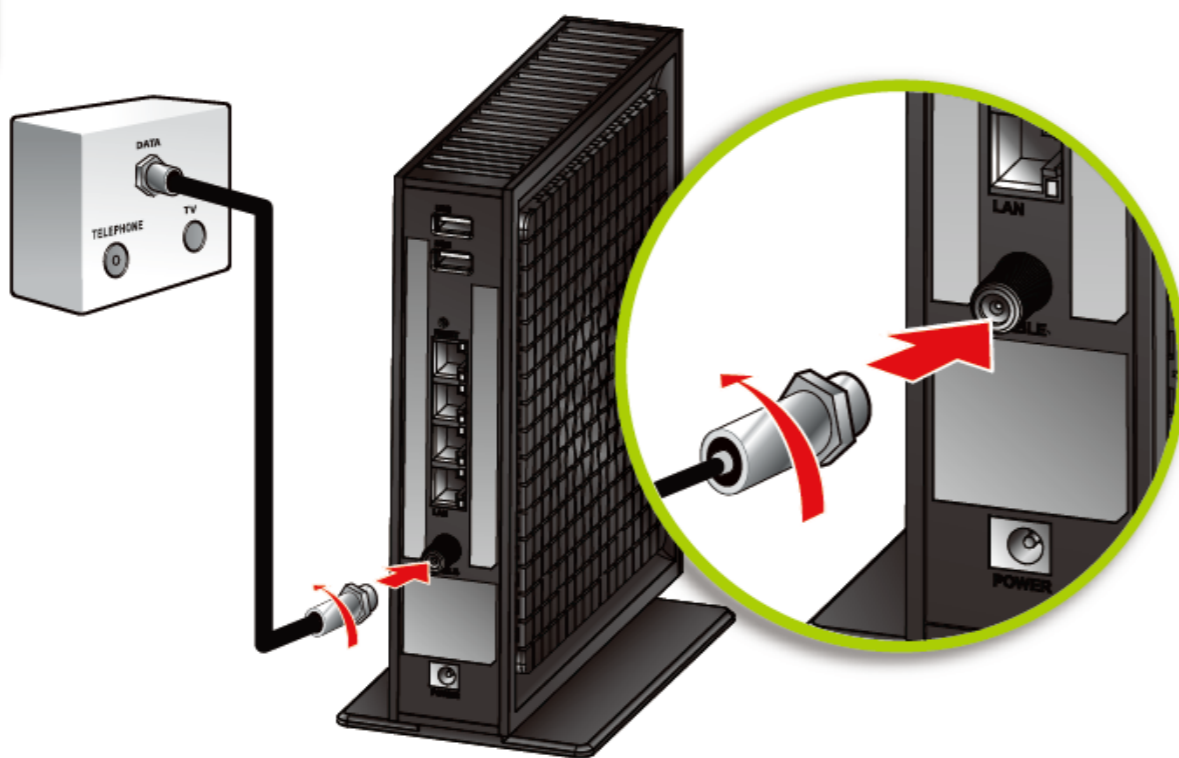
QUICK START GUIDE

The Hitron CGNM is a MoCA (Multimedia over Coax Alliance) equipped application gateway provides wireless high-speed Internet access and MoCA networking to the Ethernet-enabled devices in your home for fast and easy home entertainment network.

## Connect the cable port

STEP  
2

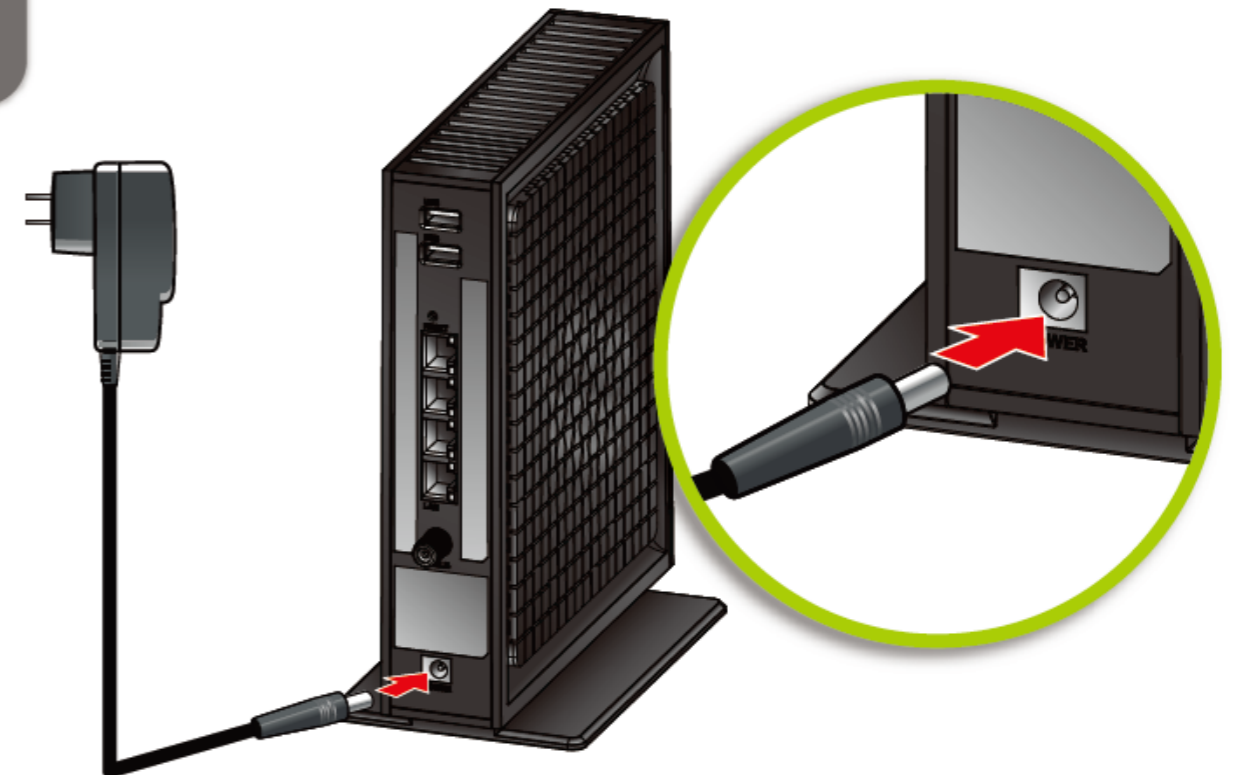
Connect your cable outlet to the device's CABLE connector.



## Connect the power

STEP  
3

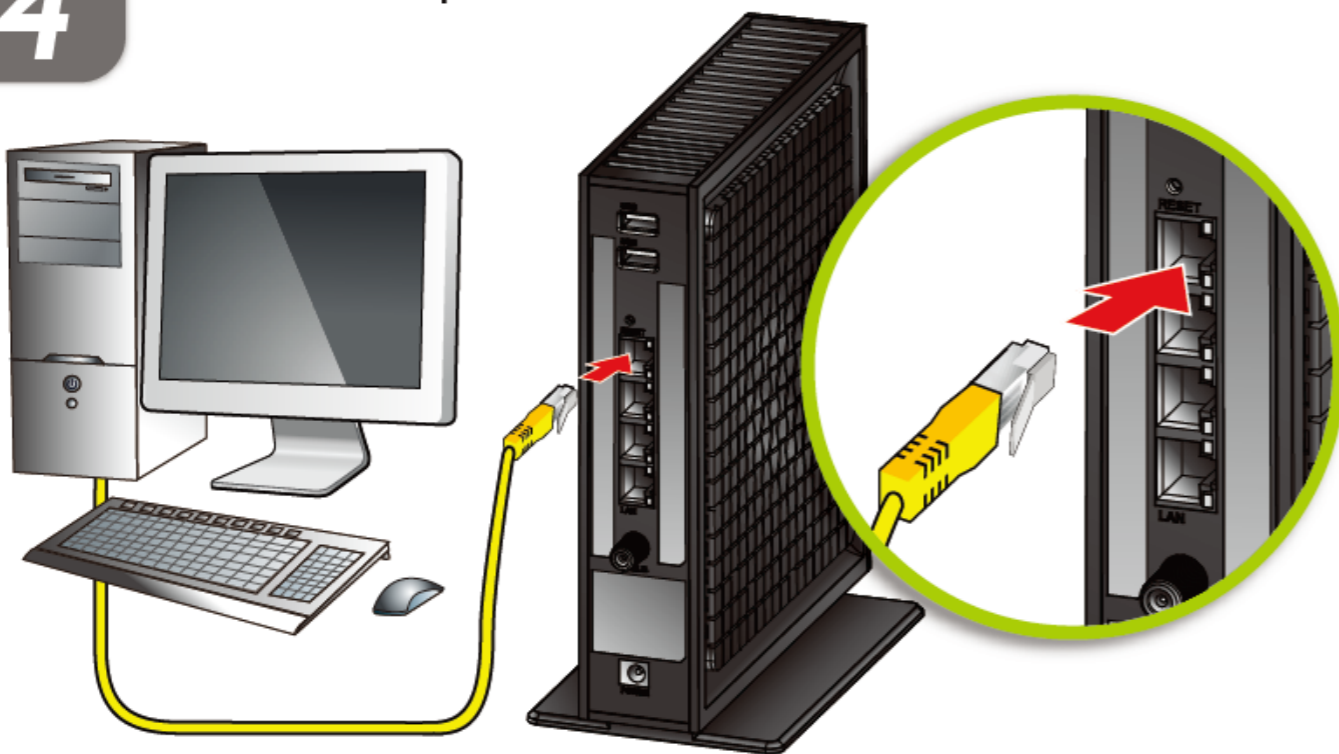
Connect the power adaptor to the POWER port.



## Connect wired computers (optional)

STEP  
4

You can use the included Ethernet cable to connect a computer to one of the LAN ports.



## Connect wireless devices (optional)

STEP  
5

You can connect your wireless devices with the correct SSID and Passphrase. If you have not changed them, the default values are indicated on the sticker on the rear of the unit.



**2.4GHz**  
SSID:AB9876543210  
PassPhrase:9876543210AB



**5GHz**  
SSID:1234567890YZ  
PassPhrase:YZ1234567890



Press this button to begin the WiFi Protected Setup(WPS) Push-Button Configuration (PBC) procedure. Press the PBC button on your wireless clients in the coverage area within two minutes to enable them to join the wireless network.

## Connect options

STEP  
6

Your gateway has a configuration interface allowing complete control over the device's behavior. In a Web browser, enter 192.168.0.1 in the address bar. In the screen that displays, enter cusadmin as the username and password as the password.

CGNM LOGIN

Username:

Password:

Language: English

Remember me on this computer

## Setup Complete

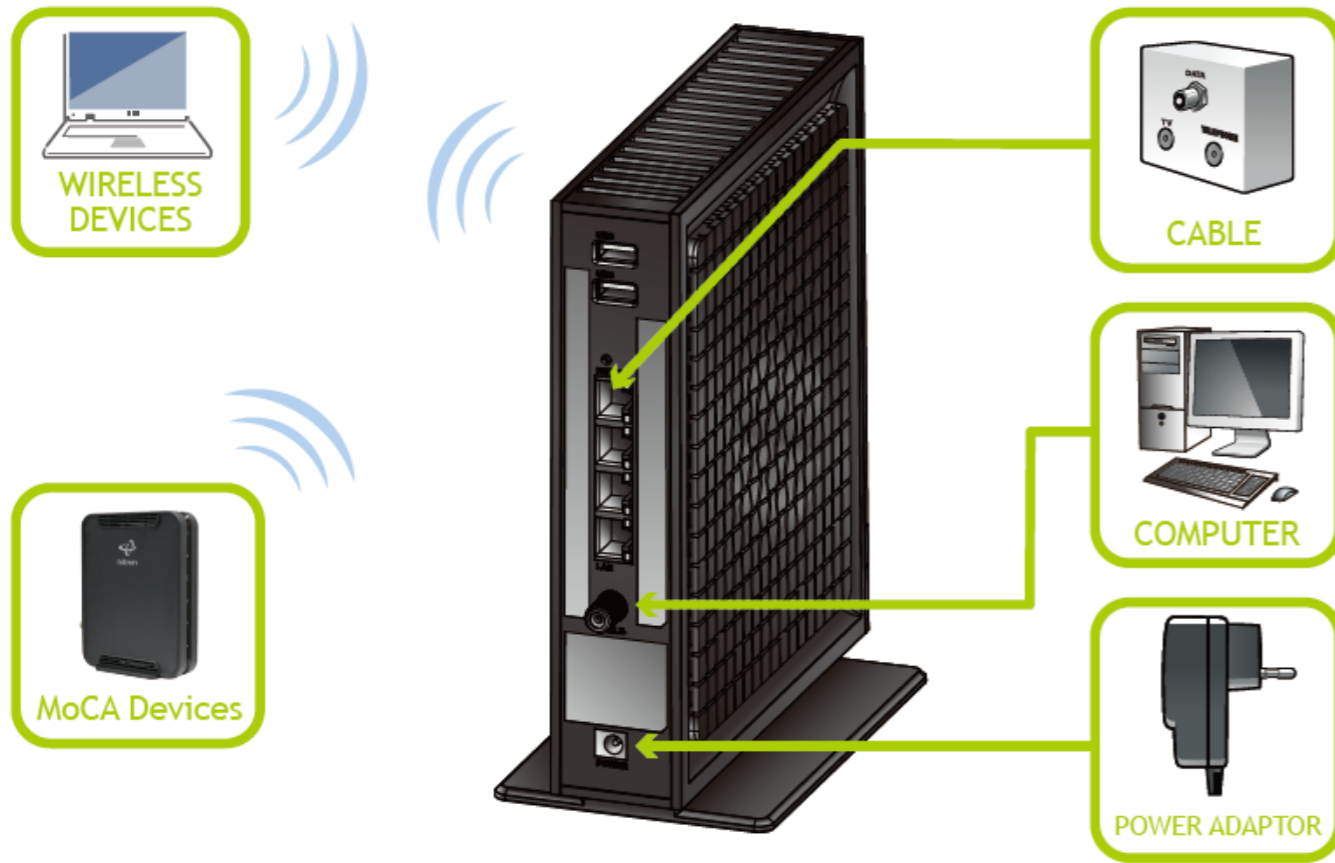
STEP  
7

Congratulations! You have successfully set up your gateway. If you have any problems, see the sections below for help identifying the problem.

### IP addresses

If your gateway is successfully connected to the network (see LED display) but you cannot access the Internet from a connected computer, your computer's IP Address may be set up wrongly. In your computer's control panel either ensure that the computer is configured to receive an IP address automatically (recommended) or ensure that it has a static IP address in the range 192.168.0.10~192.168.0.254. For more information, consult your Operating System's document.

## Connect options



STATUS

**Blinking:** Registration in progress (cable interface acquiring IP, Time of Day, Cable Modem configuration)  
**On:** Gateway is operational.  
**Off:** Gateway is offline.

**Green Blinking:** The gateway is connected to one of the LAN ports via a Fast Ethernet (100Mbps) link, and is transmitting or receiving data.

**On:** The gateway is connected to one of the LAN ports via a Fast Ethernet (100Mbps) link.



LAN

**Blue Blinking:** A device is connected to one of the LAN ports via a Gigabit Ethernet (1000Mbps) link, and is transmitting or receiving data.

**On:** The gateway is connected to one of the LAN ports via a Gigabit Ethernet (1000Mbps) link.

**Off:** No device is connected to one of the LAN ports.

**Off :** The CABLE port is not connected to a coax socket, or the CABLE port is connected to a coax socket, but no other MoCA device has been detected on the coax network.



MoCA

**Green steady:** Another MoCA device has been detected on the coax network, and the CGNM has successfully made a connection.

**Green blinking:** Data is being transferred to or from the CGNM over the coax network.

### FCC Statement:

#### 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

## LED Display



POWER

**Blinking:** No AC power, device is running on battery.  
**On:** Device is running with AC power.  
**Off:** Not powered.



DOWNSTREAM

**Green-Blinking:** The modem is searching for the DOWNSTREAM Frequency.  
**Green-Steady:** Downstream frequency is locked. (1 channel only)  
**Blue-Steady:** Downstream frequency is locked. (channel bonding)  
**Dark:** Not scanning



UPSTREAM

**Green-Blinking:** The modem is searching for the UPSTREAM Frequency.  
**Green-Steady:** Upstream frequency is locked. (1 channel only)  
**Blue-Steady:** Downstream frequency is locked. (channel bonding)  
**Dark:** Not scanning



Wireless  
(2.4GHz)

**Green Blinking:** The 2.4GHz wireless network is enabled, and data is being transmitted or received.  
**On:** The 2.4GHz wireless network is enabled, and no data is being transmitted or received.  
**Bi-color:** Wi-Fi Protected Setup (WPS) is in operation.  
**Off:** The 2.4GHz wireless network is not enabled.



Wireless  
(5GHz)

**Green Blinking:** The 5GHz wireless network is enabled, and data is being transmitted or received.  
**On:** The 5GHz wireless network is enabled, and no data is being transmitted or received.  
**Bi-color:** Wi-Fi Protected Setup (WPS) is in operation.  
**Off:** The 5GHz wireless network is not enabled.

## Safety Warnings



### WARNING

Risk of electrical shock. Do not expose the device to water or moisture. The device is a high-performance communications device designed for home and office environments. Do not use the device outdoors. Keep the device in an environment between 0°C ~ 40°C (32°F ~104°F). To avoid overheating, do NOT place any object on top of the device. Do not restrict the flow of air around the cable modem. The manufacturer assumes no liabilities for damage caused by any improper use of the device.

### DISCLAIMER

The manufacturer assumes no liabilities with respect to the contents of this document. The manufacturer also reserves the right to revise this document or update the content thereof without any obligation to notify any person of such revisions or amendments. Specifications subject to change without notice.

### CAUTION

The cable distribution system should be grounded (earthed) in accordance with ANS/NFPA 70, the National Electrical Code (NEC), in particular Section 820.93, Grounding of Outer Conductive Shield of a Coaxial Cable.

any interference received, including interference that may cause undesired operation. For product available in the USA/Canada market, only channel 1-11 can be operated. Selection of other channels is not possible.

This device and its antennas(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

### IMPORTANT NOTE:

#### FCC 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.