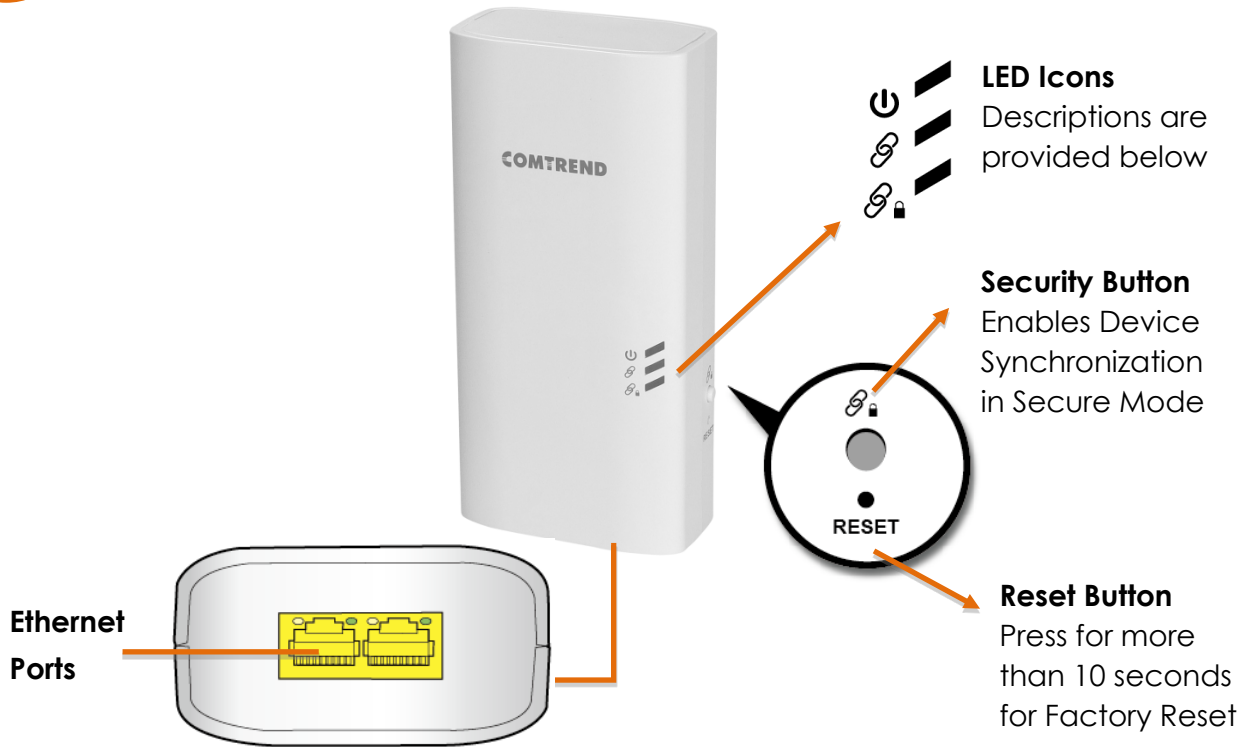





## Quick Install Guide

PG-9182PoE G.hn 2000 Powerline Adapter with PoE



### Understanding Your Powerline Adapter



LED	Color	Mode	Description
<b>Power LED</b> 	Green	On	The Adapter is powered on.
	Off	Off	The Adapter is powered off or faulty.
<b>Connection LED</b> 	Green	On	The current connection (line rate) is more than 40Mbps.
	Orange	On	The current connection (line rate) is between 5Mbps and 40Mbps.
	Red	On	The current connection (line rate) is less than 5Mbps.
	Off	Off	An Adapter connection does not exist.
<b>Security LED</b> 	Green	On	The Adapter is secure (it has received or generated network keys).
		Blinking	The Adapter is in the process of being secure.
	Off	Off	The Adapter is not secure.


# B

## Initial Powerline Adapter Setup

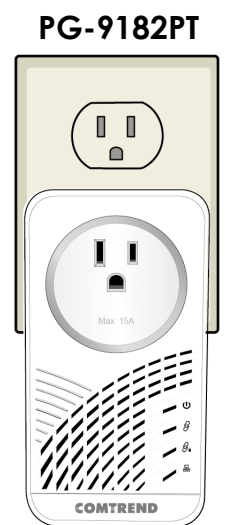
**NOTE:** A minimum of two G.hn Powerline Adapters are required to create a connection. The following instructions will use the PG-9182PT as the primary connection to connect to the Network Device (Modem, Router, or Access Point), however, any Comtrend G.hn Powerline Adapter can be used.

- If you are setting up a G.hn Powerline network for the first time, then follow the below steps.
- If you are adding to an existing G.hn Powerline network, then skip to Steps 3-5.

1. Plug the PG-9182PT into a power outlet near your Network Device (Modem, Router, or Access Point).



 For maximum performance, please plug the Powerline Adapter directly into the wall outlet. Do not plug into a power strip or surge protector, as network performance could degrade significantly.

2. Connect the Powerline Adapter to your Network Device (Modem, Router, or Access Point) with an Ethernet (RJ-45) cable. Wait 10 seconds for the **Ethernet LED** to light up **GREEN**, which indicates a connection is established. A flashing **GREEN** light indicates that the device is sending data.

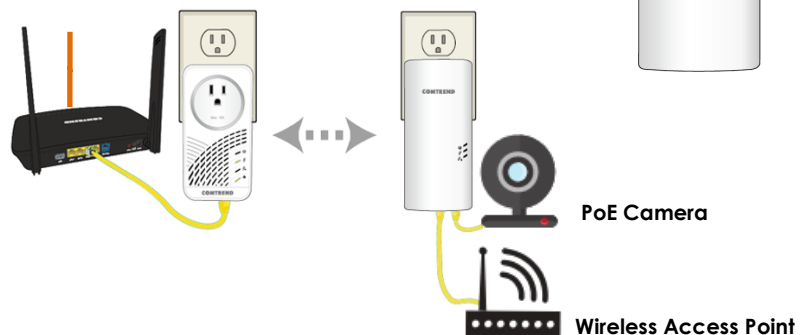


# C

## Device Connection

3. Plug the **PG-9182PoE** into a power outlet near the PoE-enabled device (ex. PoE IP Camera, Wireless Access Point, etc.). Please wait for up to 30 seconds for the **Power LED**  and **Security LED**  to remain solid **GREEN**.
4. Connect this Powerline Adapter to the PoE-enabled device (ex. IP Camera, Wireless Access Point, etc.) with an Ethernet (RJ-45) cable.

Network Device  
(Modem, Router, or Access Point)



PG-9182PoE











PoE Camera

Wireless Access Point

## D

### Pairing the Powerline Adapters

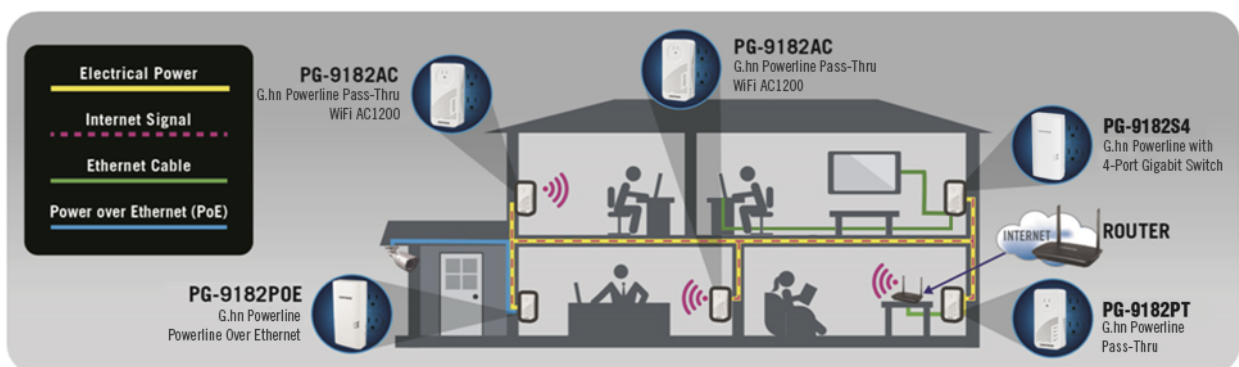
5. Press the **Security Button** on the PG-9182PT until you see the **Security LED**  start blinking **GREEN**. Then you have up to 2 minutes to press the **Security Button** on the PG-9182PoE (hold the button until you see the **Security LED**  start blinking **GREEN**). The **Security LED**  and the **Connection LED**  should be solid **GREEN** on both Adapters when they are successfully paired. This could take up to 2 minutes.

Note: If you are adding to an existing G.hn Powerline network, then press the **Security Button** on the adapter connected to your Network Device until you see the **Security LED**  start blinking **GREEN**. Then press the **Security Button** on the Powerline Adapter you are adding until you see the **Security LED**  start blinking **GREEN**.. The **Security LED**  and the **Connection LED**  will light up **GREEN** on all adapters within the G.hn Powerline network.

6. Repeat Steps 3 to 5 to add additional Powerline Adapters. Please note that up to 16 devices can be connected within a Powerline G.hn network.

## E



### You Have Successfully Set Up Your G.hn Powerline Network!







## F




### Troubleshooting

The following information should help you diagnose basic setup or installation problems.

**Connection LED**  is OFF: The **Connection LED**  shows that the Powerline Adapter is connected to the G.hn Network. If the indicator is off, then plug both Powerline Adapters that you are attempting to pair into power outlets that are located within the same room. The **Connection LED**   should light up **GREEN**. If not, then press the **Reset Button** on each adapter for more than 10 seconds. Afterwards, you can plug the units back into their original location.

**Security LED**  is OFF: If the **Security LED**  is off, then it means the Powerline Adapter is not securely paired. Press the **Security Button** on the Powerline Adapter for 3 seconds until you see the

**Security LED**  start flashing **GREEN**. Repeat this on the other Powerline Adapter. The **Security LED**  and the **Connection LED** will light up **GREEN** on both adapters. This means the adapters are now securely paired and have a strong connection.

To join an existing G.hn Powerline network, press the **Security Button** on any Powerline Adapter in the existing G.hn Powerline network for 2 seconds until you see the **Security LED**  start flashing **GREEN**. Then press the **Security Button** on the **additional** Powerline Adapter. The **Security LED**  and the **Connection LED**  will light up **GREEN** on both adapters.

\*If you have tried the above and are still experiencing problems, you can reset all devices to factory default by pushing the **Reset Button** for more than 10 seconds (until all the LEDs of the device blink).

Power Specifications:

- I/P: 100-125Vac, 50/60Hz, 15A



#### **WARNING**

- For indoor use only
- Disconnect the PLC from the power source before servicing
- Do NOT open the casing
- Do NOT use near water

**FOR MORE HELP:** For instructions on advanced features, FAQ, etc., please visit the PG-9182PoE online Product Webpage on our website.

#### **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 (949) 753-9640