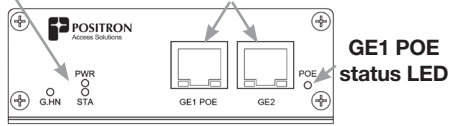
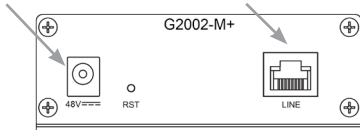


G2002-M+ Status LED **2 x Gigabit Ethernet (RJ-45)**



48Vdc Jack **G.hn Port (RJ-45)**



G2002-M+ Port and LED Definition

Troubleshooting

The G2002-M+ has four (4) Status LEDs:

- **PWR:** it will be ON when powered from the GAM or when connected to a local power source. If it is OFF, please verify the GAM-12-M or GAM-24-M is connected to a GAM-PWR-12-M+ or GAM-PWR-24-M+ when you intend to use line powering (only supported over 2 copper pairs – MIMO mode). If you intend to locally power the G2002-M+, please make sure it is connected to a 48V wall adapter plugged into a working power jack.
- **STA:** it will be yellow while the G2002-M+ is booting and then will be OFF.
- **G.hn:** it will be ON (green) to indicate that the link to the Internet is UP. It will be OFF in the link is DOWN. It will blink ON and OFF to indicate a bad link. You can restart the G2002-M+ if you see a blinking G.hn LED. If this does not solve the problem, please reach out to your Operator for assistance.
- **POE:** Green indicates port GE1 is providing POE to an attached device.

G2002-M+

Self-installation Guide



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Unpacking the G2002-M+



G2002-M+



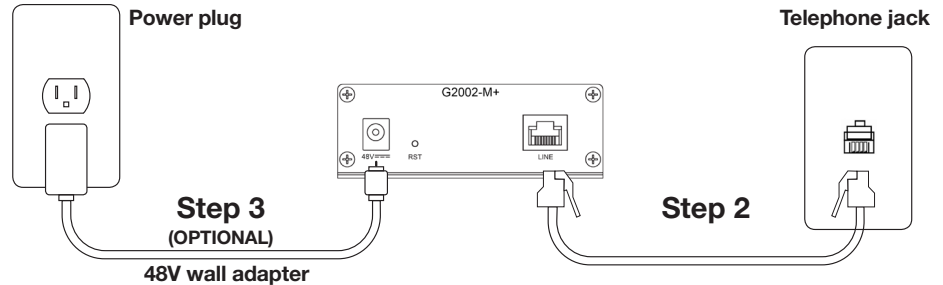
48V wall adapter

Connecting the G2002-M+ to your Residential Gateway

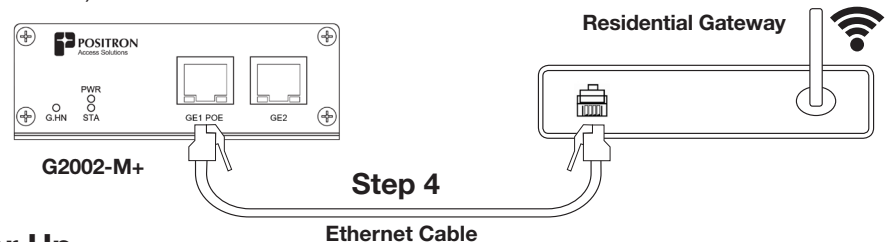
Step 1. Find a location close to where you will install your Residential Gateway. This location should also be close to the telephone jack where you will connect the G2002-M+.

Step 2. Connect the port labeled as LINE to your telephone jack.

Step 3. (OPTIONAL) The G2002-M+ is line powered from the GAM. If you intend to locally power the G2002-M+ using the optional 48Vdc wall-adaptor, you should locate the G2002-M+ close to a wall power plug and connect the 48Vdc wall adapter to the 48V connector of the G2002-M+. The 48Vdc wall adapter is sold separately and not included with the G2002-M+.



Step 4. Connect the port labeled as GE1 (on the opposite end of the G2002-M+) to your Residential Gateway using a standard Ethernet cable (usually provided with your Residential Gateway). Port GE1 is capable of being configured in VLAN Trunk Mode (over 4000 VLANs) and it is also capable of powering the attached Ethernet device with POE (IEEE 802.3af 15.4W) or POE+ (IEEE 802.3at – 30W). **IMPORTANT NOTE:** support for POE+ (30W) requires the use of the optional 48Vdc wall adapter. Port GE2 is configurable in VLAN Access Mode (up to 12 VLANs).



Power Up

The G2002-M+ takes less than one (1) minute to power up and establish the connection to the Internet. The STA LED will turn solid green to indicate that the G2002-M+ boot sequence is completed. The G.hn LED will turn green solid to indicate that the link is UP.

Your Residential Gateway will now be able to obtain its configuration and IP address and begin providing access to the Internet for your in-home devices. Refer to the installation document for your Residential Gateway if needed.