Best Practices for setting up
IPORT CONNECT PoE+ Network

OVERVIEW

IPORT CONNECT and CONNECT PRO platforms can be set up with our **POE+ Network Adapter** to provide both power and data to a connected iPad.

Depending on the different components of your system, there are some additional settings that may need adjustment on either the network switch or the iPad itself.

PoE+ Network Switch Settings

We have confirmed that the majority of PoE+ IEEE **802.3at** network switches are capable of powering CONNECT PRO equipped iPad systems if the following guidelines are implemented...

- **Ports set to 20W**

  Even if your **802.3at** network switch is set to automatically adjust the power to each port, it may not provide the constant power that an iPad needs. Using your switches configuration panel, manually set each port that will be supporting an iPad to 20W.

  Another option is to use an IPORT PoE+ Injector (72106).

- **Total Power Budget**

  It is important that the POE+ **802.3at** network switch has enough power budget. It's quite possible that supplying 20W to all ports will exceed the total power supply for the switch. If so, dedicate specific ports for your iPad needs or add an IPORT POE+ Injector where needed.

iPad Settings

Battery capacity and charging speeds vary by model. 'Out of the box' default iPad settings are ideal for reliable and fast charging. Here's some settings to check...

- **Verify Auto-Brightness feature is ON**

  Go to *Settings/Accessibility/Display & Text Size* and make sure the Auto-Brightness slider is toggled ON. (Roughly 50% brightness is ideal if you need to turn Auto-Brightness off)

- **Auto Lock**

  Turning on Auto Lock will improve charging if you do not need the screen on when not in use.

PLEASE NOTE:
- iPad automatically slows charging after reaching 80%. This is an iPadOS-level feature to preserve the health and performance of the Lithium-ion batteries. Read more about Optimized Battery Charging
  https://support.apple.com/en-us/HT210512

- If an iPad has shut down due to an extremely low battery it may take up to 15 minutes on a charger before powering back on. This is standard iPad behavior. Read more about Charging the iPad battery
  https://support.apple.com/guide/ipad/charge-the-battery-ipad997da965/ipados