INSTALLATION GUIDE

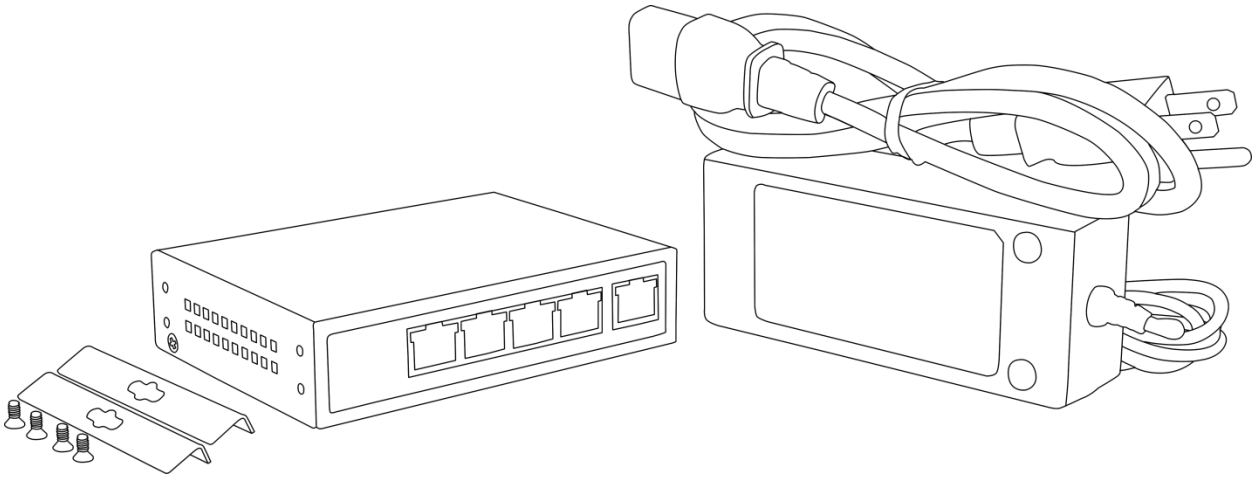
VidaPower 4-Port 60W PoE Switch

VB_VPWR_PSW_60X4

Optimized for VidaPower CAT5 to USB Power Adapters

(4) x 15.4W RJ45 Outputs with 60W Maximum Power Output

IEEE802.3at (30W) and IEEE802.3af (15.4W) compliant



Installation Instructions

VidaPower 4-Port 60W PoE Switch
Optimized for VidaPower CAT5 to USB Power Adapters

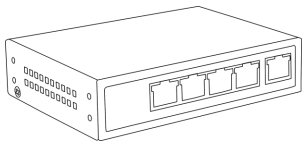
Important Notes:

- **Do not use any other power supply with this PoE Switch**. For optimal performance, only the included 52V, 1.25A power supply, or other factory recommended power supply equivalent, should be used.
- Indoor use ONLY. The PoE switch must be used only in a dry, non-condensing environment.
- The included AC power cord must be plugged into a properly grounded wall outlet for safety. Do not use any 2-prong to 3-prong adapters.
- The switch must be placed on a stable surface, preferably mounted using the included bracket & screw kit. Do not leave it "dangling" and using plugged in cables as tension support. Drops, falls, and impacts experienced by the PoE switch can compromise the internal components and cause premature failure.
- Do not place heavy objects on top of the PoE switch.
- Allow at least 4 inches of clearance on all sides of the switch for heat ventilation.

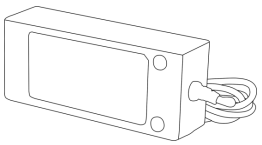
Overview

With 15.4W of maximum power output per RJ45 port, this high wattage, Power-over-Ethernet (PoE) switch is optimized for use with VidaPower CAT5-to USB adapters. There is no need to configure the switch –installation is simply "Plug-n-play!" Follow these instructions below for a fast, successful setup!

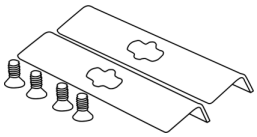
Component Checklist:



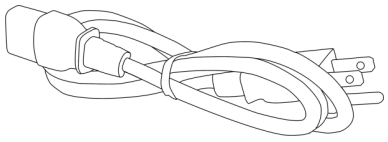
Main 4-Port PoE Switch



52V, 1.25A External Power Supply



Mounting Bracket with matching Screw Set



US Power Cable / Plug

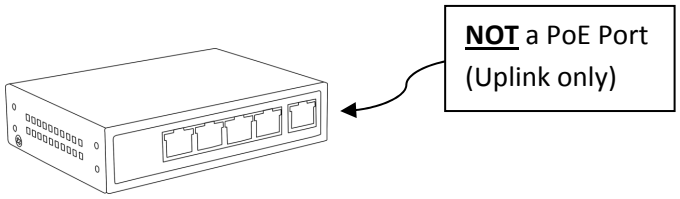
Installation Steps

1. Connect the power cable's trapezoidal plug into the External Power Supply Unit (PSU)

2. Connect the power cable into a standard wall outlet. The PSU's LED will light up, confirming power.

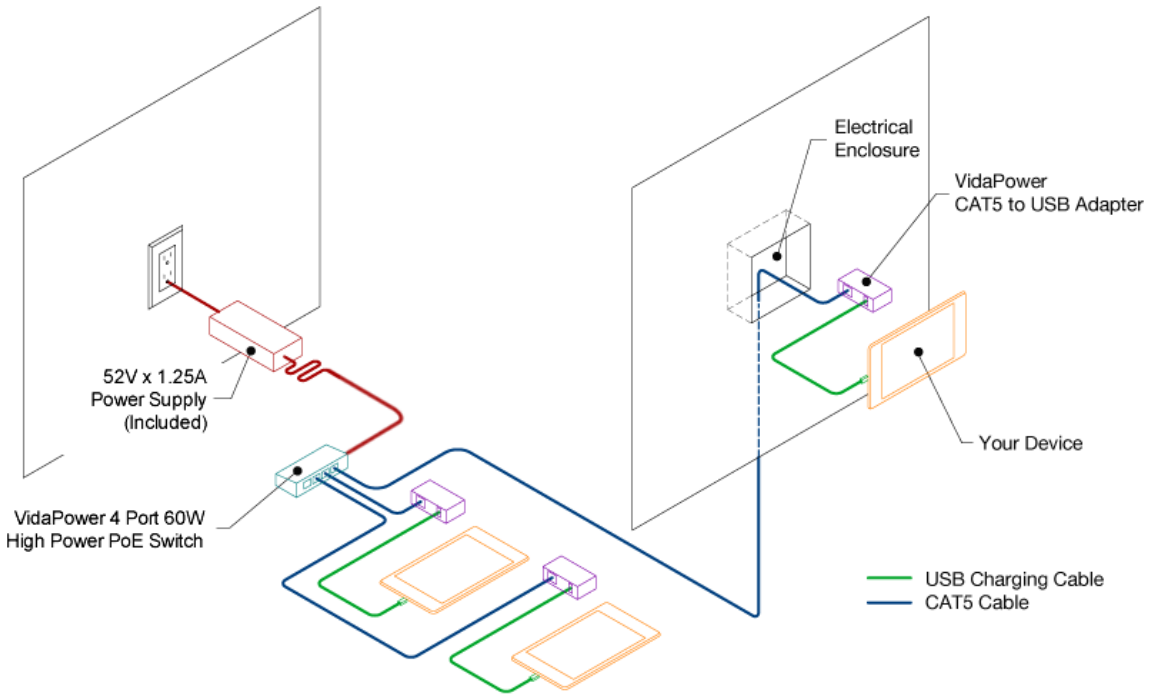
3. Connect the External Power Supply's round output plug into the PoE Switch.
   The PoE Switch's "PWR" LED should now light up, confirming it is receiving power.

4. Finally, connect your CAT5/5e/6 cables's RJ45 connectors into the respective PoE ports. Be sure NOT to plug it into the uplink port, which does NOT have PoE power.



5. At the other end of the cable, the VidaPower Adapters's RJ45 port LED should light up, confirming there is power. The installation is now complete!

Sample Wiring Diagram



LED Indicator Chart

Indicator	Text Description	Status	Illustration
Power	PWR	Light	Switch is powered
		Light Off	Switch is powered off / not plugged in / no power
PoE	POE	Yellow Light	PoE is ready
		Yellow Light Off	No PoE available
Data*	10/100Mbps	Green Light	Ethernet connection is established
		Green Light Off	Ethernet connection is unestablished
		Flashing Green	Ethernet data transmission
	10/100/1000Mbps	Yellow Light	Ethernet connection is established
		Yellow Light Off	Ethernet connection is unestablished
		Flashing Yellow	Ethernet data transmission

* - NOTE: The Data LED would NOT be expected to be flashing in our VidaPower installations. This is NORMAL.

Troubleshooting Guide

Problem:
- The PoE switch doesn't light up / receives no power

Please check the following:
- On the wall outlet:
  · Is the Power Supply plugged into a wall outlet? Make sure it's plugged in firmly.
  · Is the wall outlet controlled by another switch (i.e. a light flip switch?) Try another outlet.

- On the power supply:
  · Is the correct / included Power Supply – a 52V @ 1.25A unit – being used?
  · Make sure the trapezoidal plug is pushed in firmly. A loose connection will NOT work.
  · Can we try another wall plug-to-Power supply cable? (It's a common computer power cord)

Problem:
- The PoE switch appears to be working, but my connected USB devices are not charging

Please check the following:
- On the device to be charged:
  · Ensure the USB cable is plugged in firmly – remove and re-seat the USB cable.
  · Is the USB cable working? Try another USB cable, as USB cables can "go bad" over time.

- On the VidaPower adapter:
  · Check and confirm the RJ45 port on the VidaPower adapter is lit. If not, check the CAT5/5e/6 cable.
  · Is the correct unit being used? Different VidaPower adapter models provide lower Wattage.
  · If we are using a 12W model, make sure the Other-iOS flip switch is set correctly.