PD-USB-DP30 Quick Start Guide

 Connect an IEEE® 802.3af/at/bt-compliant PSE to the PD-USB-DP30's "PoE IN" RJ45 socket using a standard Cat 5/5e/6 Ethernet cable. (Note: The maximum allowed length of the Ethernet cable is 100 meters).



2. Check that the "Power" LED is yellow to verify that the PD-USB-DP30 is powered on.

 Connect one side of the supplied USB Type-C[®] cable to the PD-USB-DP30's USB-C socket. (Note: Any USB-C connection polarity is allowed.)



- 4. Connect the other side of the USB Type-C cable to the USB-C powered device.
- 5. Verify that the USB-C powered device is getting power from the PD-USB-DP30.





microchip.com

LED Indicators

LED	Appearance	Status
Power	No Light	PD-USB-DP30 is: powered off or powered on as a dongle
	Yellow On	PD-USB-DP30 is powered on
Link/ Act	No Light	No data link
	Green On	Data link on
	Green Blinking	Data activity on



Specifications

Data

- PoE IN
 - 10/100/1000 Mbps
- USB Type-C
 - USB 2.0
 - USB 3.1 Gen 1

Power

- PoE IN
 - Input Voltage: 42-57 VDC
 - Input Current: 1.75A max
- USB Type-C
 - 5 Vbc/3A
 - 9 Vpc/2.61A
 - 15 Vbc/1.57A
 - 20 Vbc/1.18A

Environmental Information:

- Operating Temperature: 0°C to 40°C (32°F to 104°F)
- Operating Humidity: 90% Max (non-condensing)
- Storage Temperature: -20°C to +70°C (-4°F to +158°F)
- Storage Humidity: 95% Max (non-condensing)
- Dimensions: 22.4 mm (H) x 66.8 mm (W) x 105.2 mm (L)
- Weight: 150g



Notes

- If the USB host is running the Windows[®] operating system, the device driver should be automatically installed (plug and play) after the PD-USB-DP30 is connected. Linux[®] may require driver installation in case the LAN7800 Ethernet controller is missing. Apple[®] requires driver installation.
- If the USB host doesnt recognize the PD-USB-DP30 as a USB device, please go to the LAN7800
 product page to download and install the appropriate device driver.
- Powering multiple PD-USB-DP30 from the same PoE multiport midspan may affect data/power
 performance to connected USB-C devices if they are sharing common peripheral equipment such as
 monitors, projectors, etc.

Technical Support

For technical support please visit the Microchip Technical Support Portal www.microchip.com/support

LAN7800 Driver

To download device drivers for the LAN7800 please visit the LAN7800 WEB page: LAN7800

USA/Canada: +1 877 480 2323

The Microchip name and logo and the Microchip logo are registered trademarks of Microchip Technologi Incorporated in the U.S.A. and other countries. All other trademarks mentioned herein are property of their respective companies. © 2021. Microchip Technology Incorporated, All Rights Reserved, 12/21 DS00003800C

