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Dockteck DP14 USB PD Ethernet Hub User Manual

DP14 USB PD Ethernet Hub
User Manual

Contents

DP14 USB PD Ethernet Hub

DEAR CUSTOMER

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or using this product. Please keep this manual for future reference.

INTRODUCTION

This is a Type-C 9-in-1 Portable Dock with HDMI, 2 USB-A, SD/TF, Ethernet, Audio, Type-C data , Type-C PD charging ports, providing an ideal solution for extending the port of Type-C or Thunderbolt host (PC/Laptop/Mobile phone etc.), especially for those host with a single Type-C port. This hub adopts DP1.4 Alt mode supported IC, enabling to output HDMI video with max 4k/60Hz and at the meanwhile transfer USB 3.1 data with max 5Gbps. 2USB-A and Type-C data ports allow you to connect 3 USB devices simultaneously. SD and TF card slots allow you to plug SD and TF cards for data transmission. Audio port (3.5mm audio) allows you enjoy music. Besides, the USB-C PD charging port supports to charge for the host computer and supply power for this product simultaneously. It can work on all DP Alt mode supported Type-C host.

FEATURES

- Support DP1.4 Alt mode
- Support HDMI max 4k/60Hz video output
- Support High Dynamic Range(HDR)
- Support HDCP2.2 and HDCP1.4
- 2 USB-A and Type-C data ports all support max 5Gbps data transmission the porticoes to SD/TF card slots supports max 1.5A downstream charging
- Support SD3.0 UHS-I up to 104MBps data rate Allow 2 card slots to work simultaneously
- Support Gigabit Ethernet,10Mbps/100Mbps/1000Mbps
- Support phone out and Mic in with digital audio max 96KHz ADC sampling rate and 24bps
- Support Type-C PD Charging with max 100W input

SPECIFICATIONS

Input/output Connector

Input	Type-C Male x1
Output	HDMI x1 Type-C Data x1 USB-A x2 SD/TF x1 RJ45 x1 3.5mm Audio port x1 Type-C PD Charging x1

Type-C Malex1(Connect to host)

- Support DP1.4 Alt mode

HDMIx1

- Support max 4k/60Hz video output
- Support High Dynamic Range(HDR)
- Support multiple color formats: RGB; YCbCr4:4:4; YCbCr4:2:2; YCbCr4:2:0 8/10/12 bpc;
- Support HDCP2.2 and HDCP1.4

Type-C Datax1(close to USB-A)

- Max 5Gbps data transmission
- Max 1.5A downstream charging
- Support short-circuit, over-current, over-voltage protection

USB-Ax2

- Max 5Gbps data transmission per port
- The porticoes to SD/TF card slots supports max 1.5A downstream charging another port supports max 900mA downstream charging
- Support short-circuit, over-current, over-voltage protection
- 2USB-A and the Type-C Data port share max 2.4A

SD/TFx1

- Support SD3.0 UHS-I up to 104MBps data rate
- Allow 2 card slots to work simultaneously

RJ45x1

- Support Gigabit Ethernet,10M/100M/1000M
- Support to work with Nintendo Switch
- Support Wake-On-LAN
- Support full duplex flow control

- Light indicator indicates the state, no light when no Internet connected, orange light turns on when network connection is established, green light flashes when transmitting data.

Note: Only RJ45 port supports Nintendo Switch, other ports don't support Nintendo Switch.
3.5mm audio portx1

- Support phone out with digital audio max 96KHz ADC sampling rate and 24bps
- Support Mic in with digital audio max 96KHz ADC sampling rate and 24bps
- Support CTIA&OMTP auto detection

Type-C PD Chargingx1

- Support max 100W PD charging , max 85W PD charging for PC (15w is dedicated to the functioning of this product)
- Support fast role swap of PD3.0, the connected device will not get disconnected while plugging out PD Adapter

Physical	
Weight	g
Size	150.1*34*14(mm)
Warranty	
Limited Warranty	1 Year
Environmental	
Operating Temperature	0℃ to +45℃
Operating Humidity	10% to 90 % RH (no condensation)
Storage Temperature	-10℃ to +70℃
Storage Humidity	10% to 90 % RH (no condensation)
Power Supply	
Type-C PD Charging	Max 100W
Regulatory Approvals	
Certifications	FCC,CE
Accessory	
User Manual	English Version

4.0 PACKAGE CONTENTS
Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- Main unit x1
- User Manual x1

CONNECTION DIAGRAM

Documents / Resources

User Manual	**Dockteck DP14 USB PD Ethernet Hub** [pdf] User Manual DP14 USB PD Ethernet Hub, DP14, USB PD Ethernet Hub, PD Ethernet Hub, Ethernet Hub, Hub

References

- **User Manual**