DOCKTECK 7-in-1 USB-C Hub

DD0003 User Manual



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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.

1.0 INTRODUCTION

This Type-C docking offers an integrated solution for power, data, video,SD Reader and Ethernet. It allows you to connect Type-C host PC to HDMI displays for video transmission, to USB-A devices for data transmission. It also helps the host PC to get access to super speed Ethernet through RJ45 port. Besides, the SD/MMC and Micro SD card slot allow to read the information of the external memory card in the host PC. The USB-C female port supports to charge for the host computer and supply power for this product simultaneously. It can work on all Type-C and Thunderbolt™3 host that supports DP Alt mode.When working on Thunderbolt ™ 3 host, this product transmits DP signal.

2.0 FEATURES

Upstream:

- Type-C Malex1(Connect to host)
  - Support DP1.4 Alt mode, with bandwidth max 16.2Gbps (8.1Gbps per lane)

Downstream:

Video

- **HDMI**
  - Support HDMI max 4k/60Hz
  - Support High Dynamic Range(HDR)
  - Support multiple color formats:RGB 8/10/12 bps;YCbCr4:4:4/YCbCr4:2:2/YCbCr4:2:0 8/10/12 bpc
  - Support HDCP 2.2 and HDCP1.4

Data

- **USB-AX2**
  - The total output of the 2 USB-A is 10W(5V@2A), 1 port supports max 7.5W(5V@1.5A)

- Max 5Gbps bandwidth for each USB-A

- **RJ45**

- Support 10/100/1000Mbps bandwidth

- **SD/Micro SD**

- Support Secure Digital v3.0 UHS-I (Ultra High Speed)：SDR12 (12.5Mbyte/s)/SDR25(25Mbyte/s)/SDR50(50Mbyte/s)/DDR50(50Mbyte/s)/SDR104(104Mbyte/s)
- Allow SD/Micro SD to work simultaneously

Power

- Type-C Femalex1

- Support PD Charging 100W (20V/5A)
- Support Fast Role Swap of PD 3.0, the connected device will not get disconnected while plugging in and out PD Adapter

3.0 SPECIFICATIONS

Input/Output Connector	
Input	USB-C Male x1
Output	HDMI Female x1 USB-C Female (for Charging) x1 USB 3.0 Female x2 RJ45 X1 SD card slot x1 Micro SD card slot x1
Physical	
Weight	88.2g
Size	136.1x34x14(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	
USB-C PD Charging Port	100W(20V/5A)
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

5.0 CONNECTION DIAGRAM



5.ADDITIONAL INFORMATION

SOMETHING ABOUT 4K 60HZ OUTPUT, PLEASE KINDLY NOTE:

1. Our products support up to 4K @ 60Hz and are backwards compatible with 4K @ 30Hz, 2K @ 60Hz, 1080p @ 60Hz
2. 2.4K @ 60 Hz is only available for laptops with activated DisplayPort 1.4 and 8K. If your laptop is DisplayPort 1.2 it can only reach 4K @ 30 Hz
3. To achieve a display result of 4K@ 60Hz, please ensure that both the connected device and display are the same resolution as well as the HDMI cable

IF THE HDMI PORT DOESN'T WORK, PLEASE KINDLY TRY THE FOLLOWING STEPS:

1. Check that the connected USB-C port on your device supports DP Alt mode
2. Try a different computer and HDMI cable to see if the problem persists
3. Plug your HDMI cable straight into your device and see if you can get a stable connection. If you can't establish a stable connection, the problem is your HDMI cable
4. Verify that your monitor is configured to the correct input (HDMI)

DOCKTECK BRAND GUARANTEE:

- Dockteck is specialized in providing kinds of USB C hub for working or living. With the purpose of creating a better life, we are dedicated to providing high-quality and functional products that make life simple and more convenient.
- We Confident to Offer All Buyers with Items 24 Months warranty, lifetime technical support, and friendly customer service. If you have any further problem about our product or service, kindly contact at any time.

Dear Customer,
Have a nice day! Thank you for your purchase. Here are some tips for you to get the most out of our product:
1. We suggest connecting the hub to the main device first, and then connect the accessories to the ports.
2. The 4K@60Hz is only available for laptops with DisplayPort 1.4 and 8K enabled. 60Hz only supports the 8 devices: Macbook Air 13” 2020, Macbook Pro 15”2019/2018, Macbook Pro 16” 2019, iPad Pro 12.9”2020/2018, iPad Pro 11” 2020/2018.
3. You could charge an iPhone by the USB 3.0 interface, but please note the USB ports are mainly intended for data transmission and do not support charging high-power phone power.
4. If you can't get the Ethernet port to work, please reinstall the Ethernet driver, or try this device with a different computer/ethernet cable and see if the issue persists.
5. In order to effectively reach 1 Gbps network, please use CAT5E standard and above Ethernet cable.
6. If you can't get the HDMI port to work, please try some of the following steps:
1) Confirm if the connected USB-C port of your device supports DP Alt Mode. To do this, please consult your device's user manual, contact the seller, or check the manufacturer's website.
2) Try a different computer and HDMI cable to see if the issue still persists.
3) Plug your HDMI cable directly into your device and see if you get a stable connection. If you can't get a stable connection, then the problem is with your HDMI cable.
4) Verify that your monitor is configured to the correct input (HDMI).
7. If you want the hub work with iPad Pro, you must update to the latest version of the iPad OS.
8. Due to the power output limitations of some laptops, it is recommended that you connect only one HDD / SDD at a time.
9. USB 3.0 interferes 2.4GHz WiFi and other wireless devices due to the similar frequencies. According to Microsoft, the problem occurs only for the 2.4GHz wireless band, but not for 5GHz. Please set your router as 5GHz to avoid the problem.
10. We recommend using a 100W PD(Power Delivery) charger: 92W for charging the connected laptop and 8W for powering the hub.(Tips: The USB-C PD port, without data function).
Should you have any questions or difficulties, feel free to contact us, and we will resolve them for you as soon as possible and we will do everything we can to help.
We look forward to seeing you again.
Sincerely,
Dockteck Team