



# Dockteck Type C to HDMI USB Ax2 SD Micro PD Charging Alt mode User Manual

[Home](#) » [DOCKTECK](#) » Dockteck Type C to HDMI USB Ax2 SD Micro PD Charging Alt mode User Manual 

Dockteck Type C to HDMI USB Ax2 SD Micro PD Charging Alt mode



## Contents

- [1 DEAR CUSTOMER](#)
- [2 INTRODUCTION](#)
- [3 FEATURES](#)
  - [3.1 Downstream](#)
- [4 SPECIFICATIONS](#)
- [5 PACKAGE CONTENTS](#)
- [6 CONNECTION DIAGRAM](#)
- [7 Documents / Resources](#)
  - [7.1 References](#)
- [8 Related Posts](#)

## 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 6-in-1 hub with HDMI, 2 USB-A SD/TF card slots and Type-C female port, providing an ideal solution for extending the port of Type-C or Thunderbolt 3 host (PC/Laptop/Mobilephone, etc.), especially for those host with a single Type-C port. This hub adopts the latest 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. 2 USB-A ports allow you to connect 3 USB devices simultaneously. SD/Micro SD allow to insert 2 card slots simultaneously for data transmission or for reading/writing information on the host. Besides, the Type-C female supports PD3.0 with max 100W PD Charging. It can work on all Type-C and Thunderbolt TM3 host that supports DP Alt mode (including DP1.2 and DP1.4 Alt mode). When working on Thunderbolt TM3 host, this product transmits DP signal.

## FEATURES

### Upstream:

- Type-C Male x1 (Connect to host)  
Support DP1.4 Alt mode (DSC3:1 and HBR3), with bandwidth max 2 lanes 16.2Gbps (8.1Gbps per lane), downward compatible with DP1.2 Alt mode

**Note:** To get max bandwidth, the host should support DP1.4 Alt mode with DSC.

### Downstream

#### HDMI

- Support HDMI max 4K/60Hz 4:4:4 8bit with 18Gbps Bandwidth
- Support 6/8/10/12 bit color depth output
- Support output pixel format RGB4:4:4/YCbCr4:4:4/YCbCr4:2:2
- Support HDCP 2.2 & HDCP1.4
- Support HDR

**Note:** When connecting a DP1.4 Alt mode supported host, the max resolution of HDMI is 4K/60Hz; When connecting a DP1.2 Alt mode supported host, the max resolution of HDMI is 4K/30Hz due to bandwidth limitation

#### USB-A 3.0x2

- 1 USB-A port supports BC 1.2 with max 7.5W (5V@1.5A) downstream charging, 2 USB-A share max 8W (5V/1.6A) downstream charging.
- Max 5Gbps bandwidth per USB-A port

#### 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)

### **Type-C Femalex1(for PD Charging)**

- 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
- 8W is dedicated to the functioning of this product, the rest power(max 92W) will be passed to charge for the host

### **SPECIFICATIONS**

<b>Input/Output Connector</b>	
Input	Type-C Male x1
Output	HDMI Female x1 USB-A Female x2 SD Card Slot x1 Micro SD Card Slot x1 Type-C female x1 (PD)
<b>Warranty</b>	
Limited Warranty	1 Year
<b>Environmental</b>	
Operating Temperature	0°C to +45°C
Operating Humidity	10% to 90 % RH (no condensation)
Storage Temperature	-10°C to +70°C
Storage Humidity	10% to 90 % RH (no condensation)
<b>Power Supply</b>	
USB-C PD Charging Port	100W(20V/5A)
<b>Regulatory Approvals</b>	
Certifications	FCC, CE
<b>Accessory Adapter</b>	
User Manual	English Version

## 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

<div data-bbox="150 1832 268 1870"><p>See the Dockteck Type C to HDMI USB Ax2 SD Micro PD Charging Alt mode User Manual</p></div> <div data-bbox="150 1877 268 1921"></div>	<p><a href="#">Dockteck Type C to HDMI USB Ax2 SD Micro PD Charging Alt mode</a> [pdf] User Manual Type C to HDMI USB Ax2 SD Micro PD Charging Alt mode, HDMI USB Ax2 SD Micro PD Charging Alt mode, SD Micro PD Charging Alt mode, Charging Alt mode, Alt mode, mode</p>
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# References

- [User Manual](#)

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