

# USB 3.1 Type-C to HDMI + USB Type A Receptacle + SD/Micro SD + USB Type-C PD Charging Adapter

## User Manual



**Part Number: MP008593**

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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 is a Type-C 8-in-1 hub with 2 HDMI, 3 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/Mobile phone, 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 or dual 4k/30Hz and at the meanwhile transfer USB 3.1 data with max 5Gbps. 3 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 PD 3.0 with max 100W PD Charging. It can work on all Type-C and Thunderbolt™3 host that supports DP Alt mode (including DP1.2 and DP1.4 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
- Support DSC

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

### Downstream:

- HDMIx2
- Support HDMI max 4K/60Hz, 4:4:4, 8bit with 18Gbps Bandwidth
- Support Dual 4K/30Hz under MST mode
- 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

Note: When connecting a DP1.4 Alt mode supported host, the max resolution of HDMI is 4k/60Hz (dual 4K/30Hz); When connecting a DP1.2 Alt mode supported host, the max resolution of HDMI is 4k/30Hz (dual 1080P/60Hz) due to bandwidth limitation.

- USB-A 3.0x3
- 1 USB-A port supports max 7.5W(5V/1.5A) downstream charging, 3 USB-A share max 12W (5V/2.4A) 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)
- Allow 2 card slots to work simultaneously
- 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
- 15W is dedicated to the functioning of this product, the rest power (max 85W) will be passed to charge for the host

## 3.0 Specifications

<b>Input/Output Connector</b>	
Input	Type-C Male x1
Output	HDMI Female x2
	USB-A Female x3
	SD Card Slot x1
	Micro SD Card Slot x1
	Type-C female x1 (for PD Charging)
<b>Mechanical</b>	
Size (L-W-H)	110mm × 59mm × 11.5mm
Weight (Net)	113g
<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>Electronic Parameter</b>	
Input Voltage	5V
Power Consumption	Max 2W
<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

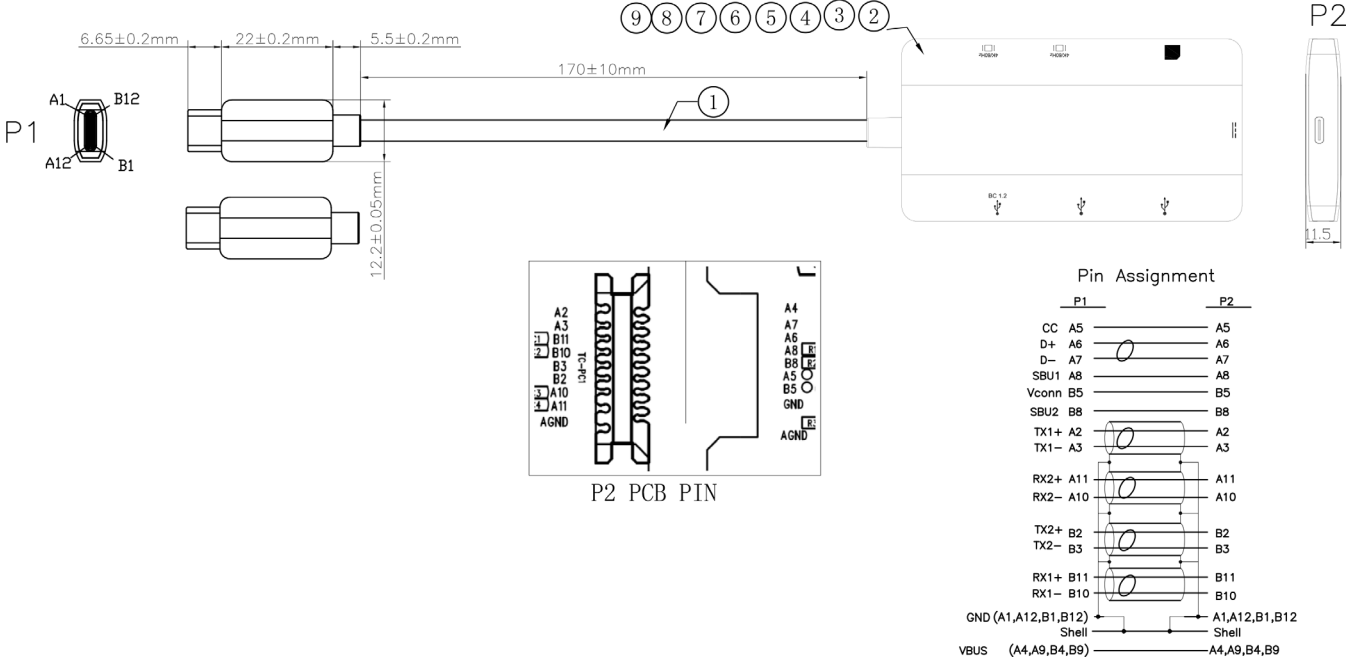
## 4.0 Package Contents

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

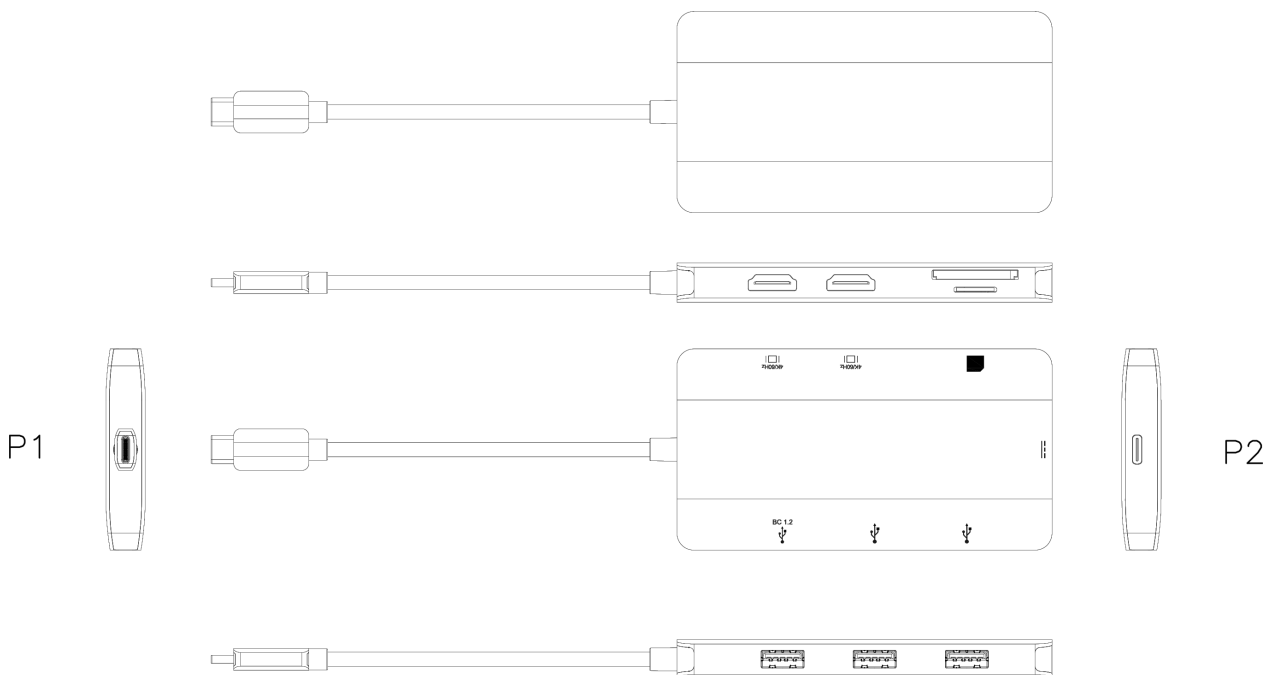
- Main unit x1
- User Manual x1

5.0 Connection Diagram





No	Celink P/N	Description	Q'ty	Unit
1	B000-06975	USB3.1 Type CM TO CM 34AWG OD:4.2MM L=0.4M Black	1/2	pcs
2	A02090000189	C3U2UHMS01 Space gray aluminum alloy housing 59mm × 11.5mm × 110mm	1	pcs
3	A02100100611	C3U2UHMS01 Rear apron ABS	1	pcs
4	801000001445	UTC-C3U2UHMS01-DP1.4-AL-R01+PCB+SMT	1	pcs
5	A02100100612	C3U2UHMS01 top Rear apron ABS	1	pcs
6	A0010220-00062	Cable clip	1	pcs
7	A5-R047165	TPE 45P black	10	g
8	A0021700-00071	Cable brass buckle	1	pcs
9	A10-R042106	Double conductive copper foil 25u	0.025	m



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