CableCreation
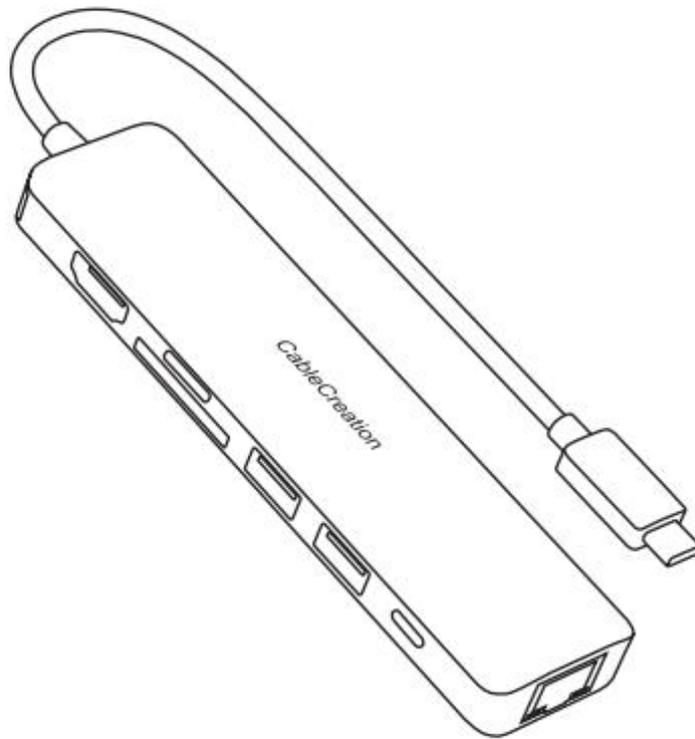
Type-C to HDMI(4K/60Hz)/USB-Ax2/RJ45/SD/ Micro SD/Type-C F(PD) with DP1.4 Alt mode

User Manual

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 7-in-1 hub with HDMI, 2 USB-A, RJ45, 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 and at the meanwhile transfer USB 3.1 data with max 5Gbps. 2 USB-A ports allow you to connect 2 USB devices simultaneously. SD/Micro SD allow to insert 2 card slots simultaneously for data transmission or for reading/writing information on the host.RJ45 ports allows the host to get access to Gigabit Ethernet. Besides, the Type-C female supports PD 3.0 with max 100W PD Charging. It can work on all Type-C and ThunderboltTM3 host that supports DP Alt mode(including DP1.2 and DP1.4 Alt mode). When working on Thunderbolt TM 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 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 format.
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).

• RJ45 (Gigabit Ethernet)

► Support 10M/100M/1000M.

• 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.

3.0 SPECIFICATIONS

Input: Type-C Male x1

Output: HDMI Female x1   RJ45X1

          USB-A Femalex2   Micro SD Card Slotx1

          SD Card Slotx1   Type-C femalex1 (PD)

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)

Input Voltage: 5V

Power Consumption: Max 2W
USB-C PD Charging Port: 100W(20V/5A)
Certifications: FCC,CE
User Manual: English Versio

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