Type-C to HDMI(4K/60Hz）/USB-A/RJ45/Type-C Data&PD Charging with DP1.4 Alt mode

User Manual

Contents

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 4-in-1 hub with HDMI, USB-A，RJ45 and Type-C female port, providing an ideal solution for extending the port of Type-C/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. RJ45 helps host to get access to super-fast Ethernet network. Besides, the Type-C female supports PD 3.0 with max 100W PD Charging when connecting a PD Adapter and supports max 5Gbps data transmission when connecting a Type-C device.It can work on all DP Alt mode supported Type-C host.

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 8/10/12 bit color depth output
- ➢ Support output pixel format RGB4:4:4/YCbCr 4:4:4/ YCbCr 4:2:2/ YCbCr 4:2:0 8/10/12bpc
- ➢ 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 3.0X1**
- ➤ Support max <u>7.5W(5V@1.5A)</u> downstream charging
- ➤ Max 5Gbps bandwidth
- **RJ45X1**
- ➤ 10M/100M/1000M
- ➤ Support full duplex flow control
- ➤ IEEE 802.3，IEEE 802.3u，IEEE 802.3ab
- ➤ Wake-On-LAN
- **Type-C Femalex1(for PD Charging&Data)**

When connecting a PD Adapter：

- ➤ 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

When connecting a Type-C device：

- ➤ Max 5Gbps data transfer
- ➤ Max 7.5w(5V/1.5A) downstream charging
- ➤ Share max 7.5W downstream charging with USB-A port

3.0 SPECIFICATIONS

Input/Output Connector	
Input	Type-C Male x1
Output	HDMI Female x1 USB-A Femalex1 RJ45X1 Type-C femalex1（PD&Data)
Warranty	
Limited Warranty	1 Year
Size&Weight	
Size	85*45*13mm (L*W*H)
Weight	61g
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 Adapter	
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