



## HDMI to DP++(V1.2)Adapter

**P/N: HDMDPP1**

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 is an HDMI to DisplayPort Adapter which allows you to transmit HDMI signal into DP++ signal. This product supports DP1.2 specification with resolution up to 4096 x 2160@30Hz. Besides, it is equipped with USB-A port to supply power in case there isn't enough power from HDMI source.

#### How it works:

- 1) Connect USB-A port to Power source (USB-A female port or USB Power Adapter), if there is enough power from HDMI source, there is no need to connect this port
- 2) Connect HDMI port to HDMI source (eg: DVD, BD, PC...)
- 3) Connect DisplayPort port to DisplayPort monitor, or connect this port to "DP to HDMI Adapter" or "DP to DVI" Adapter

#### Overview of DP++:

DP++ is a kind of DP port that supports DP dual mode source output. It supports both active DP output and passive DP to HDMI Adapter.

### 2.0 FEATURES

- **Support HDMI input, DisplayPort output with USB-A port for power supply**
- **Support HDMI:**
  - Link rate up to 2.97 Gbps/data pair
  - Color depth up to 48 bits
  - 3D video timings
- **Support DisplayPort:**
  - DP++
  - Compliant with DP 1.2a and lower versions
  - Link rate HBR2/HBR/RBR
  - AUX CH 1 Mbps
  - Supports eDP operation

HDMI / DVI operation with level translator

Max resolution up to 4KX2K@30Hz

- **Supports Video Convert:**

RGB/YCC (4:4:4) – 16-bit color

YCC (4:2:2) – 16-bit color

Color space conversion – YUV to RGB and

RGB to YUV

- **Supports Video Resolution:**

Video resolution up to 4K x 2K @ 30 Hz;

Video resolution up to 1920 x 1080 @ 120 Hz

- **Supports Audio:** 7.1 Ch up to 192 kHz sample rate

- **HDCP 1.4 Compliant**

- **Low power consumption design:** HDMI source can supply enough power to this product under most circumstances, the USB-A port is connected only when there isn't enough power

### 3.0 SPECIFICATIONS

<b>Input/Output Connector</b>	
Input	HDMI Malex1
Output	DisplayPort Femalex1
Other port	USB-A malex1(for power supply)
<b>Resolution</b>	
DisplayPort	Max 4096 x 2160@30Hz
<b>Mechanical</b>	
Size	20.8x11x245MM
Weight	42g
<b>Environmental</b>	
Operating Temperature	0°C~45°C
Operating Humidity	10% ~ 85 % RH (no condensation)
Storage Temperature	-10°C ~ 80°C
Storage Humidity	5% ~ 90 % RH (no condensation)
<b>Power</b>	
External Power Supply	USB-A
Other power Supply	HDMI source
<b>Warranty</b>	
Limited Warranty	1 Year
<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 OPERATION

- 1) Connect HDMI male to HDMI source
- 2) Connect DisplayPort female to DisplayPort monitor
- 3) Connect USB-A port to Power source (USB-A female port or USB Power Adapter), if there is enough power from HDMI source, there is no need to connect this port

## 6.0 CONNECTION DIAGRAM

