

 **Prestel**
Prestel
C-4KHDP
HDMI to
DP
Converter



Prestel C-4KHDP HDMI to DP Converter User Manual

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 **Prestel**

Prestel C-4KHDP HDMI to DP Converter



Specifications

• Technical:

- **HDMI Compliance:** HDMI 2.0b
- **HDCP Compliance:** HDCP 2.2
- **Video Bandwidth:** 594MHz/18Gbps
- **HDMI Input:** Up to 4K@60Hz 4:4:4
- **HDMI Loop out:** 480i ~1080p50/60Hz, 4Kx2K@24/30Hz, 4K2K@60Hz
- **DP Output:** 480p60Hz, 576p50Hz~1080p50/60Hz, 4Kx2K@24/30Hz, 4K2K@60Hz
- **Color Depth:** 8/10/12-bit RGB, YCbCr 4:4:4 / 4:2:2, YUV 4:2:0
- **Audio Format Connection:** Up to 7.1CH audio pass-through, supporting PCM, Dolby TrueHD, dts-HD Master Audio

Mechanical

- **Housing:** Plastic Enclosure
- **Color:** Dimensions
- **Weight:** 47g
- **Power Supply:** USB 5V / 1A
- **Power Consumption:** 3.2W (Max)
- **Operation Temperature:** Relative Humidity 20 – 90% RH (no condensation)

Product Usage Instructions

Operation Controls and Functions

The Prestel C-4KHDP HDMI to DP Converter has the following controls and functions:

1. **HDMI IN:** HDMI signal input port, connect to a source device via the HDMI cable.
2. **HDMI OUT:** HDMI signal loop out port, connect to a display device such as TV via the HDMI cable.

3. **LINK LED (Green):** Lights up when HDMI LOOP OUT or DP port outputs signals to the connected display device.
4. **PWR LED (Green):** Indicates the device is powered on.
5. **DP OUT:** DP signal output port, connect to a display device with DP port.
6. **DC 5V:** Power input port for DC 5V/1A.

Application Example

An application example for the HDMI to DP Converter is connecting a DVD or Blu-ray Player with a display having a DP port using the provided USB power cable.

FAQ

• **Q: Can this converter support video resolution higher than 4K@60Hz?**

A: No, the maximum supported video resolution is up to 4K@60Hz 4:4:4.

• **Q: What audio formats are supported for pass-through?**

A: The converter supports up to 7.1CH audio pass-through, including PCM, Dolby TrueHD, and dts-HD Master Audio.

Prestel C-4KHDP USER MANUAL 18Gbps HDMI to DP Converter

Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lighting strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

Introduction

This HDMI to DP Converter has 1 HDMI INPUT, 1 HDMI LOOP OUT and 1 DP OUTPUT, which can convert HDMI signal to DP signal with video resolution up to 4K2K@60Hz 4:4:4. The DP port supports DP1.2. This converter can be widely used in video conference, multi-media broadcasting and other related occasions.

Features

- HDMI 2.0b, HDCP 2.2, and DVI 1.0 compliant
- Support 18Gbps HDMI video bandwidth
- Video resolution up to 4K@60Hz 4:4:4
- Output supports DP1.2
- Up to 7.1CH audio pass-through, supporting PCM, Dolby TrueHD, DTS-HD Master Audio
- Compact in design, plug and play

Package Contents

1. 1× HDMI to DP Converter

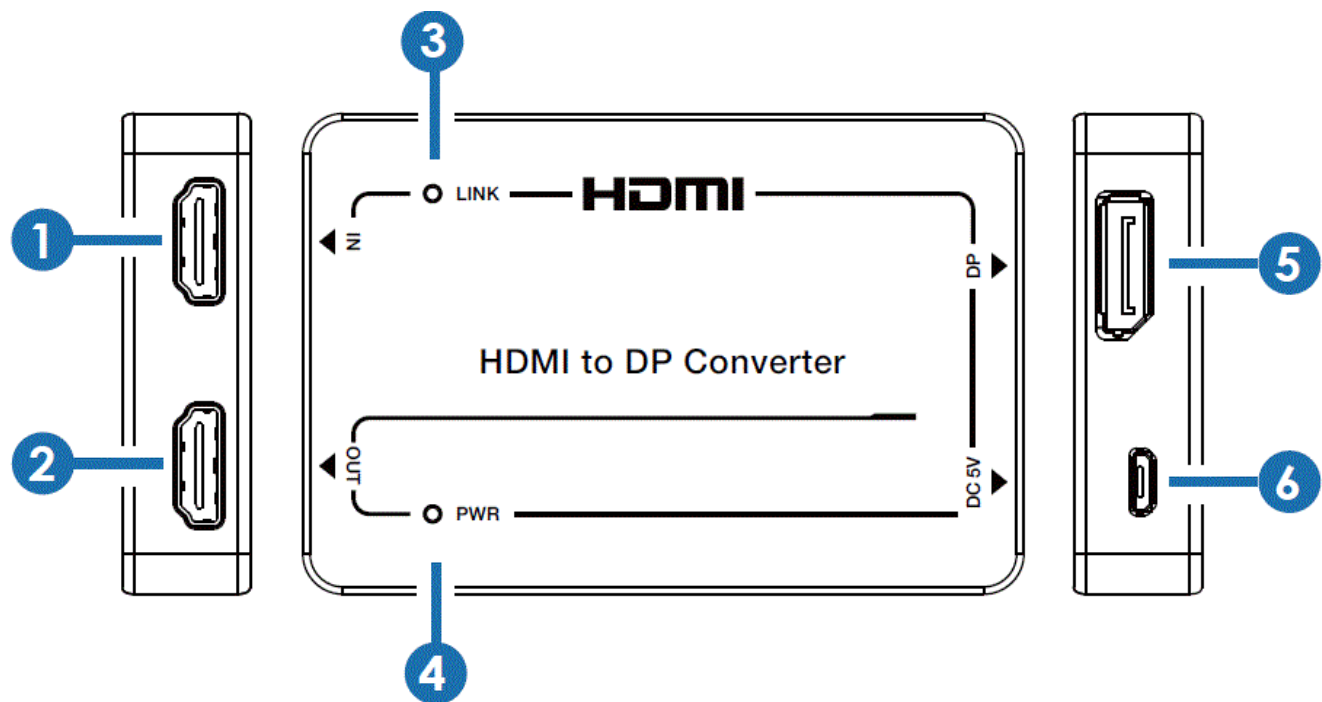
2. 1× USB Shielded Cable (USB-A to Micro USB, 1m)
3. 1× User Manual

Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	594MHz/18Gbps
Video Resolution	HDMI input: Up to 4K@60Hz 4:4:4 HDMI Loop out: 480i ~1080p50/60Hz, 4Kx2K@24/30Hz, 4K2K@60Hz DP output: 480p60Hz, 576p50Hz~1080p50/60Hz, 4Kx2K@24/30Hz, 4K2K@60Hz
Color Depth	8/10/12-bit
Color Space	RGB, YCbCr 4:4:4 / 4:2:2, YUV 4:2:0
Audio Format	Up to 7.1CH audio pass-through, supporting PCM, Dolby TrueHD, dts-HD Master Audio
Connection	
Input	1×HDMI IN [Type A, 19-pin female]
Outputs	1×HDMI OUT [Type A, 19-pin female] 1×DP [20-pin female]
Mechanical	
Housing	Plastic Enclosure
Color	Black
Dimensions	90mm[W] × 60mm[D] × 16mm[H]
Weight	47g
Power Supply	USB 5V / 1A

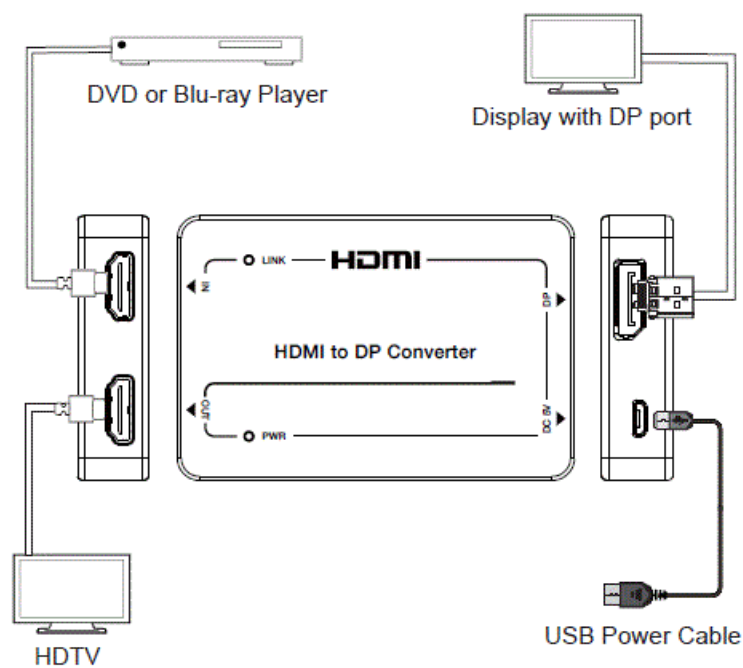
Power Consumption	3.2W (Max)
Operation Temperature	32 – 104°F / 0 – 40°C
Storage Temperature	-4 – 140°F / -20 – 60°C
Relative Humidity	20 – 90% RH (no condensation)

Operation Controls and Functions








No.	Name	Function Description
1	HDMI IN	HDMI signal input port, connect to a source device via the HDMI cable.
2	HDMI OUT	HDMI signal loop out port, connect to a display device such as TV via the HDMI cable.
3	LINK LED (Green)	The link LED lights in green when the HDMI LOOP OUT port or DP port outputs signals to the connected display device.
4	PWR LED (Green)	The power LED lights in green when the device is powered on.
5	DP OUT	DP signal output port, connect to a display device with DP port.
6	DC 5V	DC 5V/1A power input port.

Application Example



The terms HDMI and HDMI High-Definition Multimedia interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

Documents / Resources

    	Prestel C-4KHDP HDMI to DP Converter [pdf] User Manual C-4KHDP HDMI to DP Converter, C-4KHDP, HDMI to DP Converter, to DP Converter, DP Converter, Converter
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References

- [User Manual](#)

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