

DisplayPort to HDMI Adapter - 4K 60Hz HDR10 Active DisplayPort 1.4 to HDMI 2.0b Video Converter - 4K DP to HDMI Adapter Dongle for Monitor/Display/TV - Latching DP Connector

**Product ID:** DP2HD4K60H



This DisplayPort to HDMI Adapter lets you connect your DP equipped computer to an HDMI display. The adapter supports High Dynamic Range (HDR) and provides sharper images with enhanced video.

With brighter colors and greater contrast, the adapter is ideal for:

- Creating eye-catching visuals for photography, videography, cinematography
- Displaying crisp digital signage walls
- Delivering enriched presentations

The DisplayPort to HDMI adapter is fully compatible with your HDMI 2.0b equipment, supporting resolutions up to 4K 60Hz (3840 x 2160) and bandwidths up to 18Gbps. The adapter offers 4:4:4 chroma subsampling, so every pixel gets its own unique color. It's also backward compatible with earlier versions of HDMI and DisplayPort at their supported maximum resolutions.

With HDR support, you can enjoy lifelike images with increased contrast, brightness and colors and greater luminosity than standard digital imaging.

This lightweight video adapter is highly portable, with a small footprint design. It's the perfect accessory for your DP supported devices, fitting easily into your carrying case.

To ensure easy operation and installation, this unique DP to HDMI adapter allows for plug-and-play installation without any additional software or drivers.

DP2HD4K60H is backed by a 3-year StarTech.com warranty and free lifetime technical support.

Notes:

- To achieve HDR, your DisplayPort device must support version 1.4 and your display must support HDMI 2.0b.

- NVIDIA graphics adapters may not support 4:4:4 chroma subsampling and 5.1/7.1 audio output, when used with this adapter.

## Certifications, Reports and Compatibility



## Applications

### Features

- **PERFORMANCE:** DisplayPort 1.4 to HDMI 2.0b adapter with HDR10 supports UHD 4K 60Hz (3840x2160), 18Gbps bandwidth supports YCbCr 4:4:4 8-bit chroma subsampling, 7.1ch Audio, HDCP 2.2, DPCP 4.8" (12cm) attached cable Backwards compatible w/ 1080p
- **CONTENT CREATION:** HDR10 produces lifelike images with a higher contrast-ratio on HDMI 2.0b displays, making it ideal for creative professionals Use the adapter to connect an HDMI monitor, TV or projector, or add a secondary display to your workstation
- **HOST COMPATIBILITY:** Active DisplayPort to HDMI adapter supports DP/DP++ source including workstations, desktops (AMD Radeon Pro Workstation Graphics, Nvidia RTX/Quadro), small form factor computers & docking stations Tested w/ HDMI cables up to 23'
- **LATCHING DISPLAYPORT CONNECTOR:** DP to HDMI adapter dongle with a latching DP connector to ensure solid host connection Features Electromagnetic Interference (EMI) shielding to protect from line noise/distortion
- **EASY TO USE:** With no software or drivers required, the DisplayPort to HDMI video converter works with any OS including Windows, Ubuntu and macOS; DP Male to HDMI Female

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### Hardware

Warranty	3 Years
Active or Passive Adapter	Active
AV Input	DisplayPort - 1.4
Ports	1
AV Output	HDMI - 2.0
Audio	Yes
Industry Standards	DPCP (DisplayPort Content Protection)

HDCP 2.2 (High Definition Content Protection)

DisplayPort 1.4

HDMI 2.0b

Chipset ID

MegaChips - MCDP2900

## Performance

Maximum Cable Distance To Display 23.0 ft [7 m]

Video Revision HDMI 2.0b

Maximum Digital Resolutions 4096 X 2160 @ 24Hz  
3840 X 2160 @ 60Hz

Supported Resolutions 4096 X 2160 @ 24Hz  
3840 X 2160 @ 60Hz

Lower resolutions and refresh rates may also be supported

Wide Screen Supported Yes

Audio Specifications HDMI - 7.1 Channel Audio

## Connector(s)

Connector A 1 - DisplayPort (20 pin)

Connector B 1 - HDMI (19 pin)

## Special Notes / Requirements

Note This video adapter is not compatible with cables that use RedMere technology.

In order to achieve maximum performance of this product, both the source and destination devices must support the appropriate specifications

## Environmental

Operating Temperature 5C ~ 35C (41 F~95 F)

Storage Temperature -20C to 60C (-4F to 140F)

Humidity 25%-60%RH

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**Physical Characteristics**

Color	Black
Material	Plastic
Cable Length	4.8 in [122 mm]
Product Length	10.2 in [26 cm]
Product Width	1.1 in [2.9 cm]
Product Height	0.5 in [1.4 cm]
Weight of Product	1.4 oz [39.0 g]

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**Packaging Information**

Package Quantity	1
Package Length	5.0 in [12.8 cm]
Package Width	8.9 in [22.5 cm]
Package Height	0.6 in [1.4 cm]
Shipping (Package) Weight	1.6 oz [44.0 g]

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**What's in the Box**

Included in Package	1 - DisplayPort to HDMI Adapter
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**Warranty Information**

Warranty	3 Years
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***\*Product appearance and specifications are subject to change without notice.***