

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

Product ID: DP2HD4K60S



StarTech.com

This DisplayPort to HDMI adapter lets you output HDMI video and audio from a DP device, with support for Ultra HD 4K at 60Hz.

The adapter lets you harness the video capabilities that are built into your DisplayPort connection, to deliver the astonishing quality of UHD to your 4K 60Hz display. This makes it easier for you to multitask while using multiple monitors to work on resource-demanding applications.

Unlike many 4K DisplayPort to HDMI adapters that only support a 30Hz refresh rate, this adapter works with HDMI 2.0 displays that can deliver output resolutions of up to 3840 x 2160p at 60Hz. Support for HDMI 2.0 means this adapter can support bandwidth up to 18Gbps, making it the ideal solution for performing high-resolution tasks such as editing 4K video.

The adapter is backward compatible with 1080p displays, which ensures that it will work with lower resolution displays such as TVs or projectors around your home or office.

The compact video adapter is highly portable and lightweight. It's the perfect accessory for your portable DP devices, fitting easily into your laptop bag or carrying case.

The portable adapter is a convenient addition when deploying company computers because it enables your employees to interface with BYOD (Bring Your Own Device) HDMI applications around the office, such as working at a hot-desk with an HDMI display or sharing your laptop's screen on a boardroom projector.

To ensure compatibility with any DisplayPort output, the DP adapter offers active conversion. Active video conversion is required to maintain 4K resolutions when converting DisplayPort to HDMI. An active DP adapter is ideal for outputting 1080p resolutions because it will work with graphics cards that can't output multimode DP++ signals, such as ATI Eyefinity cards.

For a hassle-free setup, the DisplayPort to HDMI adapter allows for plug-and-play installation without any additional software or drivers.

Note: To achieve 4K resolution at 60 Hz, a DisplayPort 1.4 output and an HDMI 2.0 display are required.

The DP2HD4K60S is backed by a 3-year StarTech.com warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Connect your 4K 60Hz HDMI display to a DisplayPort output port
- Deploy this adapter with company laptops to ensure your employees can interface with BYOD displays around the office
- Use an HDMI display as a secondary monitor for your DisplayPort computer

Features

- **PERFORMANCE:** DisplayPort 1.4 to HDMI 2.0 adapter supports UHD 4K 60Hz (3840x2160), 7.1ch Audio, HDCP 2.2 & DPCP 4.2in (11cm) attached cable Backwards compatible w/ 1080p DP 1.2 host and HDMI 2.0 display are a minimum requirement for 4K 60Hz video
- **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'
- **CONNECT TO A PRIMARY OR SECONDARY DISPLAY:** Connect an HDMI monitor, TV or projector, or add a second display to your workstation; Small form factor design makes it easy to carry around between home office and office
- **LATCHING DISPLAYPORT CONNECTOR:** DP to HDMI adapter dongle has 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 macOS, Windows & Ubuntu; DP Male to HDMI Female

Hardware

Warranty	3 Years
Active or Passive Adapter	Active
# of Displays Supported	1
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 2.0
Chipset ID	Parade - PS176

Performance

Maximum Cable Distance To Display	23.0 ft [7 m]
Maximum Digital Resolutions	4K x 2K @ 60 Hz
Supported Resolutions	4k x 2K (Ultra HD) @ 60 Hz 1920x1200 1920x1080 (1080p) 1280x720 (720p)
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.
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Environmental

Operating Temperature	5C to 35C (41F to 95F)
Storage Temperature	-25C to 70C (13F to 149F)

Humidity -25C to 85C (77F to 185F) at 80% - 95%

Physical Characteristics

Color	Black
Material	Plastic
Cable Length	4.2 in [10.8 cm]
Product Length	6.6 in [167 mm]
Product Width	1.1 in [28.7 mm]
Product Height	0.6 in [1.4 cm]
Weight of Product	1.3 oz [36 g]

Packaging Information

Package Quantity	1
Package Length	5.0 in [12.7 cm]
Package Width	5.0 in [12.6 cm]
Package Height	0.7 in [1.7 cm]
Shipping (Package) Weight	1.4 oz [40.0 g]

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.*