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Data Sheet

DisplayPort to HDMI Adapter - 4K 60Hz

Product ID: DP2HD4K60S



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

Astonishing picture quality with support for Ultra HD 4K at 60 Hz

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.

Ultimate portability with a compact, lightweight design

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.

Hassle-free setup with an active adapter that features plug-and-play installation

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 1.2 output and an HDMI 2.0 display are required.

The DP2HD4K60S is backed by a 2-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

- Astonishing picture quality with support for UHD 4K resolution at 60Hz
- Maximum portability with a compact, lightweight design
- Hassle-free setup with an active DisplayPort conversion
- No power adapter required
- Plug-and-play installation
- Supports HDMI 2.0 displays

	Warranty	2 Years
Hardware	Active or Passive Adapter	Active
	Adapter Style	Adapters
	Audio	Yes
	AV Input	DisplayPort
	AV Output	HDMI
	Chipset ID	Parade - PS176
	Industry Standards	DPCP (DisplayPort Content Protection) HDCP 2.2 (High Definition Content Protection) DisplayPort 1.2 HDMI 2.0
	Ports	1
Performance	Audio Specifications	7.1 Surround Sound
	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
Connector(s)	Connector A	1 - DisplayPort (20 pin) Male Input
	Connector B	1 - HDMI (19 pin) Female Output
Special Notes / Requirements	**Note**	This video adapter is not compatible with cables that use RedMere™ technology.
Environmental	Humidity	-25°C to 85°C (77°F to 185°F) at 80% - 95%
	Operating Temperature	5°C to 35°C (41°F to 95°F)
	Storage Temperature	-25°C to 70°C (13°F to 149°F)
Physical Characteristics	Cable Length	4.2 in [10.8 cm]
	Color	Black
	Enclosure Type	Plastic
	Product Height	0.4 in [10 mm]
	Product Length	8.5 in [215 mm]
	Product Weight	0.8 oz [24 g]
	Product Width	7.7 in [195 mm]

Packaging Information	Shipping (Package) Weight	1.2 oz [33 g]
What's in the Box	Included in Package	1 - DisplayPort to HDMI adapter

Product appearance and specifications are subject to change without notice.