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Data Sheet

DisplayPort to HDMI 4K Audio / Video Converter – DP 1.2 to HDMI Active Adapter for Desktop / Laptop Computers – 4K @ 30 Hz

Product ID: DP2HD4KS



The DP2HD4KS DisplayPort to HDMI adapter enables you to connect a DisplayPort-equipped desktop or laptop computer, such as the HP EliteBook 8570p / 8470p, to an HDMI display. This adapter is compatible with DisplayPort 1.2 & HDMI 4K @ 30 Hz and as a result can support video resolutions up to Ultra HD (4K) as well as the accompanying digital audio up to 7.1 channel surround sound.

With support for resolutions up to Ultra HD (4K) the DP to HDMI adapter ensures you can convert DisplayPort to HDMI while maintaining an astonishing picture quality four times the resolution of high-definition 1080p. The adapter is also backward compatible with previous DisplayPort revisions 1.0/1.1 with support for resolutions up to 1080p.

For a hassle-free setup the DisplayPort to HDMI adapter allows for plug-and-play installation without any additional software or drivers. Plus, with a small footprint and lightweight design, the adapter maximizes portability.

To ensure compatibility with any DisplayPort output the DP adapter offers an active conversion. Active video conversion is required to maintain 4K resolutions when converting DisplayPort to HDMI. An active DP adapter is also ideal for outputting 1080p video resolutions by ensuring compatibility with graphics cards that are not capable of outputting multi-mode DP++ signals (e.g. ATI Eyefinity).

The DP2HD4KS is backed by a 2-year StarTech.com warranty, and lifetime technical support.

Certifications, Reports and Compatibility

RoHS & REACH DOWNLOAD DECLARATION

Applications

- Connect a DisplayPort 1.2 video source to a 4K HDMI display
- Carry with your laptop for BYOD office applications
- Extend your Desktop onto a secondary HDMI display using an available DisplayPort port

Features

- Supports video resolutions up to 4K
- Fully compliant with DisplayPort 1.2 revision
- Supports HDMI 4K @ 30 Hz
- Compact, lightweight design
- Plug-and-play installation
- No power adapter required
- Active DisplayPort conversion

	Warranty	2 Years
Hardware	Active or Passive Adapter	Active
	Adapter Style	Adapters
	Audio	Yes
	AV Input	DisplayPort
	AV Output	HDMI
	Industry Standards	DPCP (DisplayPort Content Protection) HDCP (High Definition Content Protection) DisplayPort 1.2 HDMI 1.4
	Ports	1
Performance	Audio Specifications	7.1 surround sound
	Maximum Digital Resolutions	4K x 2K @ 30 Hz
	Supported Resolutions	4k x 2K (Ultra HD) 1920x1200 1920x1080 (1080p) 1280x720 (720p)
	Wide Screen Supported	Yes
Connector(s)	Connector A	1 - DisplayPort (20 pin) Male
	Connector B	1 - HDMI (19 pin) Female
Environmental	Operating Temperature	0°C to 70°C (32°F to 158°F)
	Storage Temperature	-10°C to 80°C (14°F to 176°F)
Physical Characteristics	Cable Length	5.9 in [150 mm]
	Color	Black
	Product Height	0.4 in [11 mm]
	Product Length	2.5 in [64 mm]
	Product Weight	0.8 oz [22 g]
	Product Width	0.8 in [21 mm]
Packaging Information	Shipping (Package) Weight	1 oz [27 g]
What's in the Box	Included in Package	1 - DisplayPort® to HDMI® Active Adapter

Product appearance and specifications are subject to change without notice.