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Data Sheet

Mini DisplayPort to HDMI 4K Audio / Video Converter – mDP 1.2 to HDMI Active Adapter for UltraBook / Laptop – 4K @ 30 Hz - Black

Product ID: MDP2HD4KS



The MDP2HD4KS Mini DisplayPort to HDMI adapter enables you to connect a mDP-equipped Ultrabook™, tablet or laptop computer, such as the ThinkPadT440 series, to an HDMI display. This adapter is compatible with Mini 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. The Mini DisplayPort adapter is the perfect accessory for any of your Microsoft® Surface™ Pro devices with mDP.

With support for Ultra HD (4K) the mDP to HDMI adapter ensures you can convert Mini 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 Mini 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 Mini DisplayPort output the mDP adapter offers an active conversion. Active video conversion is required to maintain 4K resolutions when converting Mini DisplayPort to HDMI. An active mDP adapter is also ideal for outputting 1080p resolutions by ensuring compatibility with graphics cards that are not capable of outputting multi-mode DP++ signals (e.g. ATI Eyefinity).

The Mini DisplayPort to HDMI converter is compatible with Intel® Thunderbolt™ devices that output a DisplayPort video signal.

The MDP2HD4KS is backed by a 2-year StarTech.com warranty, and lifetime technical support.

Certifications, Reports and Compatibility











Applications

- Connect your 4K HDMI display to a Mini DisplayPort output port
- Carry with your laptop for BYOD office applications
- Use an HDMI display as a secondary monitor for your Mini DisplayPort computer

Features

- Supports video resolution up to 4K
- Fully compliant with DisplayPort 1.2 revision
- Supports HDMI 4K @ 30 Hz
- Compatible with Intel® Thunderbolt™ devices that are capable of outputting a DisplayPort signal
- Compact, lightweight design
- Plug-and-play installation
- No power adapter required
- Active Mini DisplayPort conversion

	Warranty	2 Years
Hardware	Active or Passive Adapter	Active
	Adapter Style	Adapters
	Audio	Yes
	AV Input	Mini-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) @ 30 Hz 1920x1200 @ 60 Hz 1920x1080 (1080p) 1280x720 (720p)
	Wide Screen Supported	Yes
Connector(s)	Connector A	1 - Mini-DisplayPort (20 pin)
	Connector B	1 - HDMI (19 pin)
Environmental	Humidity	10%-85%
	Operating Temperature	0°C to 70°C (32°F to 158°F)
	Storage Temperature	-10°C to 70°C (14°F to 158°F)
Physical Characteristics	Cable Length	5.9 in [150 mm]
	Color	Black
	Product Height	0.6 in [15 mm]
	Product Weight	0.6 oz [16 g]
Packaging Information	Shipping (Package) Weight	0.8 oz [22 g]
What's in the Box	Included in Package	1 - Mini-DisplayPort to HDMI Active Adapter

Product appearance and specifications are subject to change without notice.