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Data Sheet

Mini DisplayPort to HDMI Adapter - 4K 60Hz

Product ID: MDP2HD4K60S



This Mini DisplayPort to HDMI® adapter lets you output HDMI video and audio from an mDP device, with support for Ultra HD 4K at 60Hz. The Mini DisplayPort adapter is the perfect accessory for any of your Microsoft® Surface™ Pro devices with mDP.

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 Mini 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 Mini 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 an ideal solution for performing high-resolution tasks such as editing 4K video.

The adapter is backward compatible with 1080p displays, which ensures compatibility 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 mDP devices, fitting easily into your laptop bag or carrying case.

The portable adapter is the perfect accessory for deployment with company computers, enabling 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 Mini DisplayPort output, the mDP adapter offers 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, such as ATI Eyefinity™ cards.

For a hassle-free setup, the Mini 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 MDP2HD4K60S 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 Mini DisplayPort output port
- Deploy this adapter with company laptops to ensure your employees can interface with BYOD displays around the office
- Hassle-free setup with an active Mini DisplayPort conversion

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 Mini 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	Mini-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 - Mini-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	5.8 in [148 mm]
	Color	Black
	Product Height	0.4 in [10 mm]
	Product Length	6 in [152 mm]
	Product Weight	0.4 oz [11 g]
	Product Width	0.9 in [22 mm]
Packaging Information	Shipping (Package) Weight	0.7 oz [20 g]

What's in the Box	Included in Package	1 - Mini DisplayPort to HDMI adapter

Product appearance and specifications are subject to change without notice.