

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.

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.

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.

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.</small>

The MDP2HD4K60S 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 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

Hardware

Warranty	3 Years
Active or Passive Adapter	Active
AV Input	Mini 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 1.2

	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 - 32 Channel Audio

Connector(s)

Connector A	Mini-DisplayPort (20 pin)
Connector B	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
Cable Length	5.8 in [14.8 cm]
Product Length	6.0 in [15.2 cm]
Product Width	0.9 in [22 mm]



Product Height 0.4 in [10 mm]

Weight of Product 0.4 oz [11 g]

Packaging Information

Package Length 8.7 in [22 cm]

Package Width 7.9 in [20 cm]

Package Height 0.4 in [10 mm]

Shipping (Package) Weight 0.7 oz [20 g]

What's in the Box

Included in Package Mini DisplayPort to HDMI adapter

****Product appearance and specifications are subject to change without notice.***

