

Mini DisplayPort to HDMI Adapter - Active mDP 1.4 to HDMI 2.0 Video Converter - 4K 60Hz - Mini DP or Thunderbolt 1/2 Mac/PC to HDMI Monitor/TV/Display - mDP to HDMI Dongle

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.

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

- **PRODUCT PERFORMANCE:** Mini DisplayPort 1.4 to HDMI 2.0 adapter supports UHD 4K 60Hz (4096x2160 or 3840x2160), 18Gbps bandwidth, 7.1ch Audio, HDCP 2.2 & DPCP 5.8in (15cm) attached cable Backward compatible with 1080p
- **HOST COMPATIBILITY:** Active Mini DP to HDMI adapter supports mDP/mDP++ source including Thunderbolt 1 & 2 MacBooks, MacBook Air & Mac Mini, Microsoft Surface Pro 1-6, desktops (AMD FirePro/Nvidia Quadro), laptops, mini itx computers, Intel NUC & docks
- **INCREASE PRODUCTIVITY:** Mini DisplayPort to HDMI display adapter connects an HDMI monitor, TV or projector, or add a second display to your workstation; Compact, small form factor design makes it easy to carry between home office and office
- **RELIABLE CONNECTION:** MiniDisplayPort to HDMI video converter is designed with nickel-plated connectors to ensure enhanced signal quality Tested with HDMI cables up to 23ft (7m) mDP Male to HDMI Female
- **EASY TO USE:** With no software or drivers required, the mDP to HDMI adapter dongle works with any OS including macOS, Windows & Ubuntu; Compatible with MiniDP devices like Microsoft Surface PCs or TB1/TB2 MacBooks

Hardware

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|---------------------------|------------------------|
| Warranty | 3 Years |
| Active or Passive Adapter | Active |
| AV Input | Mini DisplayPort - 1.4 |
| Ports | 1 |

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|--------------------|---|
| 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

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|-----------------------------------|---|
| 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 - 7.1 Channel Audio |

Connector(s)

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|-------------|-------------------------------|
| Connector A | 1 - Mini-DisplayPort (20 pin) |
| Connector B | 1 - HDMI (19 pin) |

Special Notes / Requirements

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| Note | This video adapter is not compatible with cables that use RedMere technology. |
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Environmental

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|-----------------------|--|
| 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

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|-------------------|------------------|
| Color | Black |
| Cable Length | 5.8 in [148 mm] |
| Product Length | 6.0 in [15.2 cm] |
| Product Width | 0.9 in [2.2 cm] |
| Product Height | 0.4 in [1.0 cm] |
| Weight of Product | 0.6 oz [18.0 g] |

Packaging Information

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|---------------------------|------------------|
| Package Quantity | 1 |
| Package Length | 8.7 in [22.0 cm] |
| Package Width | 7.9 in [20.0 cm] |
| Package Height | 0.4 in [1.0 cm] |
| Shipping (Package) Weight | 1.0 oz [28.0 g] |

What's in the Box

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|---------------------|--------------------------------------|
| Included in Package | 1 - Mini DisplayPort to HDMI adapter |
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****Product appearance and specifications are subject to change without notice.***