

3.3ft (1m) DisplayPort to HDMI Adapter Cable, 4K 60Hz with HDR, DP to HDMI 2.0b, Active Video Converter, DisplayPort Desktop to HDMI Monitor

Product ID: 6F-MDP-HDMI2-4K60



Connect a DisplayPort-enabled desktop to 4K 60Hz High Dynamic Range (HDR)-capable HDMI monitor, using this 3.3-foot (1-meter) Active DisplayPort to HDMI Adapter Cable.

HDR improves visual quality by providing a wide assortment of colors across a dynamic range of brightnesses, resulting in a more vibrant viewing experience. The DP 1.4 to HDMI 2.0b adapter supports 18Gbps bandwidth, allowing for 4:4:4/RGB color space, 8-bit with dithering, and 7.1ch audio. It also supports HBR3 and HDCP 1.4/2.3.

The Universal Adapter Cable is compatible with all hardware platforms and any operating system. Utilize integrated or dedicated GPU (Intel/AMD/Nvidia) capabilities, enabling high-performance graphics with minimal CPU usage.

Integrated video adapter cable reduces points of failure, signal loss and clutter, and requires no additional power. Built with adaptive receiver equalization to optimize the input signal and amplify the output signal, to ensure display compatibility. Cage shielding prevents Electromagnetic Interference (EMI) and helps maintain signal integrity. This Active Adapter Cable works with computers from Dell, HP, Lenovo, and other desktop manufacturers. It is backward compatible with 4K 30Hz, 1080p, and other lower resolutions.

Certifications, Reports and Compatibility



Applications

- Connect a DisplayPort-enabled computer to an HDR-capable HDMI display
- Integrated video adapter and cable simplifies cable management and reduces clutter
- Ideal for creative professionals who work with high-resolution graphics and video

Features

- **Connect a 4K UHD HDMI Display**: Output 4K 60Hz video directly through a Mini DisplayPort 1.2 / 1.4 / 2.1 video port to an HDMI display; Ideal for high-resolution workflows, digital signage, and multi-monitor GPUs and workstations with MDP ports
- **No Drivers or Software Required**: Plug-and-play installation enables quick, driverless HDMI UHD output from a Mini DisplayPort-enabled source device; Compatible with standard mDP and mDP++ ports without requiring additional power
- **Universal Device Compatibility**: mDP to HDMI converter works with GPUs and workstations from Apple, Dell, HP, Lenovo, Nvidia and more; Works with all Mini DisplayPort sources, supporting up to 4K 60Hz, 4K 30Hz, 1440p 144Hz, 1080p 144Hz and lower resolutions
- **Protected Content Support**: Enable secure, compliant HDMI audio/video delivery with HDCP 2.3, DPCP, and 7.1-channel audio; Integrated adapter cable design minimizes signal loss, reduces clutter, and eliminates the need for external converters
- **The IT Pro's Choice**: Our video adapters are rigorously tested in our Innovation Lab to ensure enterprise-grade reliability and durability; Built to support large-scale deployments, Windows 11 upgrades, and the shift to AI-enabled PCs

Hardware

Warranty	3 Years
Active or Passive Adapter	Active
AV Input	DisplayPort Mini-DisplayPort
AV Output	HDMI
Audio	Yes
Connector Plating	Gold
Cable Jacket Material	PVC - Polyvinyl Chloride
Chipset ID	Synaptics - VMR7100

Parade PS176

Performance

Video Revision	DisplayPort 1.4
	HDMI 2.0b
	HDMI 2.0
Maximum Digital Resolutions	4K 60Hz
Supported Resolutions	Color Space: HDR, Bit Depth: 8-bit w/dithering
	4096 x 2160 @ 60hz
	3840 x 2160 @ 60hz
	3200 x 1800 @ 60hz
	3072 x 1728 @ 60hz
	2560 x 1440 @ 120hz
	Color Space: HDR, Bit Depth: 10-bit
	2560 x 1440 @ 60hz
	2048 x 1536 @ 60hz
	1920 x 1200 @ 120hz
	1920 x 1200 @ 60hz
	Other lower resolutions may be supported
Wide Screen Supported	Yes
Bandwidth	18Gbps
Audio Specifications	HDMI - 7.1 Channel Audio
General Specifications	Outside Cable Diameter: 5.0mm

Connector(s)

Input Connector(s)	1 - DisplayPort
Output Connectors	1 - HDMI

Software

OS Compatibility No Drivers or Software Required

Special Notes / Requirements

System and Cable Requirements To achieve maximum performance, both the source and destination devices must support the appropriate specifications.

Note The DisplayPort to HDMI Adapter Cable is a unidirectional cable that allows the transfer of video signals from a DisplayPort-enabled device to a HDMI-enabled display.

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Power

Power Source Bus Powered

Environmental

Operating Temperature 0C to 40C (32F to 104F)

Storage Temperature -10C to 70C (14F to 158F)

Humidity 10% ~ 90% RH

Physical Characteristics

Color Black

Material PVC

Cable Length 3.3 ft [1 m]

Product Length 6.1 ft [1.9 m]

Product Width 0.9 in [2.2 cm]

Product Height 0.5 in [1.2 cm]

Weight of Product 3.1 oz [89 g]

Packaging Information

Package Length 5.0 in [12.8 cm]

Package Width 8.7 in [22.0 cm]

Package Height 0.4 in [1.0 cm]

Shipping (Package) Weight	1.8 oz [52.0 g]
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What's in the Box

Included in Package	1 - Mini DisplayPort to HDMI Cable
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**Warranty
Information**

Warranty	3 Years
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**Product appearance and specifications are subject to change without notice.*