

2m DisplayPort to HDMI Adapter Cable, 4K 60Hz with HDR, DP to HDMI 2.0b, Active Video Converter, DisplayPort Desktop to HDMI Monitor

Product ID: 2M-DP-HDMI-4K60-HDR



Connect a DisplayPort-enabled desktop to 4K 60Hz High Dynamic Range (HDR)-capable HDMI monitor, using this 2-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

- **HIGH-PERFORMANCE:** 2-meter DisplayPort to HDMI Adapter Cable connects a DisplayPort-enabled desktop to an HDR-capable 4K 60Hz HDMI display; HBR3 18Gbps bandwidth; Supports 4:4:4/RGB color space, 8-bit w/dithering, 7.1ch audio, and HDCP 1.4/2.3
- **HDR ADAPTER CABLE:** HDR improves visual quality by providing a wider range of brightness level and colors, resulting in a dynamic viewing experience; Integrated video adapter cable reduces potential points of failure, signal loss, and clutter
- **NO DRIVERS OR SOFTWARE:** 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
- **BUILD QUALITY & DESIGN:** Built with adaptive receiver equalization to optimize input signal and amplify output signal to ensure display compatibility; Cage shielding prevents Electro-Magnetic Interference (EMI) and helps maintain signal integrity
- **HOST COMPATIBILITY:** Active Adapter Cable works with computers from Dell, HP, Lenovo, and other desktop manufacturers; Backward compatible with 4K 30Hz, 1080p, and other lower resolutions; Latching DisplayPort ensures reliable connection to the computer

General

UPC	065030926591
Warranty	3 Years

Special Notes / Requirements

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

Physical & Environmental

Product Length	6.6 ft [2 m]
Product Width	0.9 in [21.8 mm]
Product Height	0.5 in [12 mm]

Weight of Product	3.2 oz [90 g]
Operating Temperature	0C to 40C (32F to 104F)
Storage Temperature	-10C to 70C (14F to 158F)
Humidity	10% ~ 90% RH

Performance

HDR Support	Yes
Bandwidth	18Gbps
General Specifications	Outside Cable Diameter: 5.5mm
Audio Specifications	HDMI - 7.1 Channel Audio
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 <i>Other lower resolutions may be supported</i>
Video Revision	DisplayPort 1.4 HDMI 2.0b
Wide Screen Supported	Yes

Hardware

Active or Passive Adapter	Active
AV Input	DisplayPort
AV Output	HDMI
Audio	Yes
Connector Plating	Gold
Cable Jacket Material	PVC (Polyvinyl Chloride)
Number of Displays	1
Chipset ID	Synaptics - VMR7100

Packaging & In-the-Box

Included in Package	1 - DisplayPort to HDMI Cable
Package Width	8.7 in [22 cm]
Package Depth	5.0 in [12.8 cm]
Package Height	0.7 in [18 mm]
Shipping (Package) Weight	2.9 oz [82 g]

Connector(s)

Connector 1 (Quantity)	1
Connector 1	DisplayPort
Connector 2 (Quantity)	1
Connector 2	HDMI

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