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

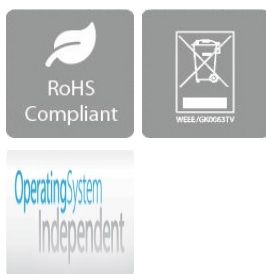**Product ID:** 3F-DP-HDMI-4K60-HDR

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

• HIGH-PERFORMANCE: 3.3-foot (1-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

Hardware

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

Performance

	Video Revision	DisplayPort 1.4

	HDMI 2.0b
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.

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	6.6 in [16.8 cm]
Package Width	4.7 in [11.9 cm]
Package Height	1.1 in [2.7 cm]
Shipping (Package) Weight	2.0 oz [56.0 g]

What's in the Box

Included in Package	1 - DisplayPort to HDMI Cable

Warranty Information

Warranty	3 Years

Product appearance and specifications are subject to change without notice.