

DisplayPort 1.4 to HDMI Active Adapter Cable (M/M), 4K 60 Hz, 4:4:4, HDR, HDCP 2.2, 3 ft. (0.9 m)

MODEL NUMBER: P582-003-HD-V4A











Connects the DisplayPort output on your Surface or other compatible device to a 4K HDMI monitor, television or projector.

Features

Directly Connects Your Computer's DisplayPort Output to a 4K HDMI Monitor or TV

This active adapter cable lets you use a device with a DisplayPort connector with an HDMI monitor, television or projector. Because the P582-003-HD-V4A is an active adapter, it converts single-mode and dual-mode (DP++) DisplayPort output and can be used with graphics cards that don't transmit DP++ signals. Male connectors on both ends eliminate the need for a separate DisplayPort adapter and HDMI cable and give you an all-in-one 4K cable solution.

Ideal for High-Definition and 4K Video Applications

The active converter transmits digital video plus audio from your Microsoft Surface, Chromebook, PC, laptop or other device with a female DisplayPort connector. It's essential for working with high-def image and video files or streaming 4K video in digital signage applications. It supports audio up to 8-channel LPCM, compressed audio (AC-3, DTS), HBR audio formats and a 192 kHz audio frame rate up to 24-bit audio sample size.

Transmits Crystal-Clear 4K Video with HDR, DSC and 4:4:4 Color

The P582-003-HD-V4A supports Ultra HD resolutions up to 3840 x 2160 (4K x 2K) at 60 Hz, as well as HDR video, providing a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. This adapter supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor. Display Stream Compression (DSC) encodes/decodes video in real time with low latency, making this cable ideal for high-performance gaming.

Supports HDCP 2.2 for 4K Installations

The P582-003-HD-V4A supports HDCP 2.2, which protects 4K UHD content from illegal copying and helps you stream 4K Amazon and Netflix content with no complications. The cable is backward compatible with earlier HDCP and DisplayPort generations, as well as pre-4K displays.

Avoid Signal Disruptions with Extra-Secure Connectors

Having a cable come loose accidentally can cause A/V signal loss at the most inconvenient times. Specially designed high-grip HDMI and latching DisplayPort connectors firmly hold the ports on your equipment to help prevent accidental disconnection and signal disruption. With greater port retention than typical connectors, these more secure connectors resist vibrations that can loosen over time. This is

Highlights

- Supports UHD resolutions up to 4K @ 60 Hz (4:4:4) for crystalclear video
- Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy
- Complies with HDCP 2.2 standards to display up-to-date 4K video content
- Display Stream Compression (DSC) allows real-time video encoding with low latency
- Plug-and-play operation with no software required for easy, immediate installation

System Requirements

- Source device with DisplayPort output
- Display device with HDMI input

Package Includes

P582-003-HD-V4A DisplayPort 1.4 to HDMI Active Adapter Cable (M/M), 3 ft. (0.9 m)



especially helpful for ensuring components stay attached in difficult-to-access installations.

Specifications

OVERVIEW UPC Code 037332288716 Product Type Active Cable Technology HOMIC DisplayPort Cable Type Active VIDEO Was Supported Video Resolution Max Supported Color Depth 24-bit True Color HDR Support Yes 3D Video Support No Chroma Sub Sampling 44-4 DSC Support Yes Audio Specification Audio Specification Audio up to 8-channel LPCM, compressed audio (AC-3, DTS), HBR audio formats, and 192kHz audio frame rate up to 24-bit audio sample size. INPUT Bus Powered No Product Length (in.) 36 Product Length (in.) 36 Product Length (in.) 36 Product Length (in.) 36 Cable Jacket Material PVC Cable Jacket Material PVC Cable User Diameter (OD) DP: 6.5mm, HDMI: 7.3mm Wire Gauge (AWG) 30 Cable Length (ii.) 39.1	•	
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Cable Length (ft.) 3	Cable Outer Diameter (OD)	DP: 6.5mm; HDMI: 7.3mm
	Wire Gauge (AWG)	30
Cable Length (m) 0.91	Cable Length (ft.)	3
	Cable Length (m)	0.91
Cable Length (in.) 36	Cable Length (in.)	36



Ferrite Core	No	
Minimum Bend Radius	73mm	
Rackmountable	No	
Unit Packaging Type	Polybag	
ENVIRONMENTAL		
Operating Temperature Range	32° to 104°F (0° to 40°C)	
Storage Temperature Range	5° to 122°F (-15° to 50°C)	
Operating Humidity Range	0% to 85% RH, Non-Condensing	
Storage Humidity Range	0% to 85% RH, Non-Condensing	
COMMUNICATIONS		
EDID Compatible	Yes	
Consumer Electronics Control (CEC) Supported	Yes	
CONNECTIONS		
Side A - Connector 1	DISPLAYPORT (MALE)	
Side B - Connector 1	HDMI (MALE)	
Connector Plating	Gold; Nickel	
Contact Plating	Gold	
Latching or Gripping Connector	Yes	
FEATURES & SPECIFICATIONS		
IP68 Rated	No	
IP20 Rated	No	
Displayport Specification	1.4	
HDCP Specification	1.4; 2.2	
STANDARDS & COMPLIANCE		
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS; UKCA; WEEE	
WARRANTY & SUPPORT		
Product Warranty Period (Worldwide)	3-year limited warranty	







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