Mini DisplayPort 1.4 to HDMI Active Adapter Cable (M/M), 4K 60 Hz, 4:4:4, HDR, HDCP 2.2, 6 ft. (1.8 m)

MODEL NUMBER: **P586-006-HD-V4A**



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

Features

Directly Connects Your Computer's Mini DisplayPort Output to a 4K HDMI Monitor or TV
This active adapter cable lets you use a device with a Mini DisplayPort (mDP) or Thunderbolt connector with an HDMI monitor, television or projector. Because the P586-006-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 mDP 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, MacBook, PC, notebook computer or other device with an mDP or Thunderbolt port. 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 P586-006-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 P586-006-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 mDP generations, as well as pre-4K displays.

Avoid Signal Disruptions with Extra-Secure Gripping HDMI Connectors
Having a cable come loose accidentally can cause A/V signal loss. These specially designed HDMI connectors firmly grip the HDMI ports on your equipment to help prevent accidental disconnection and signal disruption. With greater port retention than typical HDMI connectors, the gripping connectors resist vibrations that can loosen over time. This is especially helpful for ensuring components stay attached in difficult-to-access installations.

Highlights

- Supports UHD resolutions up to 4K @ 60 Hz (4:4:4) for crystal-clear 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 Mini DisplayPort or Thunderbolt output
- Display device with HDMI input

Package Includes

P586-006-HD-V4A Mini DisplayPort 1.4 to HDMI Active Adapter Cable (M/M), 6 ft. (1.8 m)

Specifications

OVERVIEW	
UPC Code	037332268709
Product Type	Active Cable
Technology	HDMI; DisplayPort
Cable Type	Active
VIDEO	
Max Supported Video Resolution	3840 x 2160 (4K) @ 60Hz
Max Supported Color Depth	24-bit True Color
HDR Support	Yes
3D Video Supported	No
Chroma Sub Sampling	4:4:4
DSC Support	Yes
AUDIO	
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.)	72
Product Length (ft.)	6
CONNECTIONS	
Side A - Connector 1	MINI DISPLAYPORT (MALE)
Side B - Connector 1	HDMI (MALE)
Connector Plating	Nickel
Contact Plating	Gold
Latching or Gripping Connector	Yes
PHYSICAL	
Color	Black
Material of Construction	PVC, ABS
Cable Jacket Color	Black
Cable Jacket Material	PVC

Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	DP: 5.0mm; HDMI: 7.3mm
Cable Length (ft.)	6
Cable Length (m)	1.83
Cable Length (in.)	72
Ferrite Core	No
Minimum Bend Radius	73mm
Rackmountable	No
Unit Dimensions (hwd / in.)	9.000 x 7.000 x 0.500
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
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; Trade Agreements Act (TAA); UKCA; WEEE
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty
Product Warranty Period (U.S. & Canada)	3-year limited warranty

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

© 2024 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.