

USB-C to HDMI Active Adapter Cable (M/M) - 8K 60 Hz, 4K 144 Hz, HDR, 4:4:4, HDCP 2.3, Black, 6 ft. (1.8 m)

MODEL NUMBER: U444-006-H8K6



Connects an 8K/4K HDMI display to the USB-C or Thunderbolt port on your MacBook Pro, Windows laptop, tablet or smartphone.

Features

USB-C to HDMI Converter Connects a USB-C or Thunderbolt Port to an 8K Monitor

This USB Type-C to HDMI adapter (M/M) connects an 8K-capable HDMI monitor, projector or television to the USB-C or Thunderbolt 3 port on your MacBook Pro, Windows laptop, tablet or smartphone. It's an ideal cable for Ultra HD video applications, including editing professional video or digital artwork, upgrading your trade show or conference presentations, playing online games or watching movies on a larger 8K screen.

Supports USB-C DisplayPort Alternate Mode for Converting Audio/Video Signals

By connecting the USB-C end to a source device that supports USB DisplayPort Alt Mode, you can output 8K video and digital audio to an HDMI monitor, television or projector without installing special software drivers.

Transmits 8K Video with HDR and 4:4:4 Color

The U444-006-H8K6 supports data transfer speeds up to 8.16 Gbps per-lane (32.4 Gbps total) bandwidth for high-end A/V applications. It can transmit UHD specifications up to 7680 x 4320 (8K) at 60 Hz and 3840 x 2160 (4K x 2K) at 144 Hz with 36-bit Deep Color. High Dynamic Range (HDR) provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 8K display. HDCP 2.3 encryption allows you to stream 4K or 8K content with no complications. This adapter also supports uncompressed 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor. **Note:** Both the source and display must support the desired resolution to function appropriately.

Ready to Use Right from the Package, So You Can Plug and Play Immediately

The plug-and-play USB Type-C to HDMI adapter requires no software or external power. Just connect the USB-C plug to the USB-C or Thunderbolt 3 port on a source device that supports USB DisplayPort Alt Mode, and connect the HDMI port to your 8K display. This adapter is backward compatible with 1080p and 4K displays, allowing you to use it with older equipment.

Specifications

Highlights

- Supports UHD resolutions up to 8K @ 60 Hz or 4K @ 144 Hz on the latest displays
- Converts audio/video signals from sources supporting USB DisplayPort Alt Mode
- Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy
- Complies with HDCP 2.3 standards to display up-to-date 8K video content
- Plug-and-play operation with no software required for easy, immediate installation

System Requirements

- Source device with USB-C or Thunderbolt 3 port that supports USB DisplayPort Alt Mode
- Source device must support DisplayPort 1.4 Alt Mode and DSC to reach full video output capability
- Display device with HDMI input
- Display device must support 4K/60 Hz or 4K/120 Hz to reach full video output capability

Package Includes

U444-006-H8K6 USB-C to HDMI Active Adapter Cable - M/M, Black, 6 ft. (1.8 m)



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OVERVIEW	
UPC Code	037332288318
Product Type	USB-C A/V Cable
Technology	HDMI; USB 3.x
Cable Type	Active
VIDEO	
Resolutions Supported	The U444-006-H8K6 supports the following display resolutions:7680 x 4320 (8K) @ 24 Hz/ 25 Hz/ 30 Hz/ 60 Hz4196 (3840) x 2160 (4K) @ 24 Hz/ 25 Hz/ 30 Hz/ 60 Hz/ 120 Hz/ 144 Hz2560 x 1440p @ 24 Hz/ 25 Hz/ 50 Hz/ 60 Hz/ 120 Hz/ 144 Hz1920 x 1080p @ 24 Hz/ 25 Hz/ 50 Hz/ 60 Hz/ 120 Hz/ 144 Hz1920 x 1080i @ 24 Hz/ 25 Hz/ 50 Hz/ 60 Hz/ 120 Hz/ 144 Hz1280 x 720p @ 24 Hz/ 25 Hz/ 50 Hz/ 60 Hz/ 120 Hz/ 144 Hz720 (640) x 480p @ 50 Hz / 60 Hz/ 120 Hz/ 144 HzNote: Both the source and display must support the desired resolution in order to function appropriatelyThe U444-006-H8K6 supports HBR3, DSC1.1/1.2a or uncompressed video, DSC 1.1/1.2a decoder, and HDMI Hot Plug Detect (HPD)
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 1920x1200; 2560x1600; 3840x2160 (4K); 5120x2880 (5K); 7680x4320 (8K)
Max Supported Video Resolution	7680 x 4320 60HZ / 3840 x 2160 @ 144 Hz
Max Supported Color Depth	48-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:0; 4:2:2; 4:4:4
Bandwidth	48 Gbps
DisplayPort Alt Mode	Yes
DSC Support	Yes
AUDIO	
Audio Specification	Supports 32-Channel LPCM 192kHz audio output and HBR audio up to 1536kHz
INPUT	
Bus Powered	Yes
CONNECTIONS	
Side A - Connector 1	HDMI (MALE)
Side B - Connector 1	USB C (MALE)
Connector Plating	Nickel
Contact Plating	Nickel
PHYSICAL	
Color	Black
Material of Construction	TPE + ABS
Cable Jacket Color	Black
Connector Color	Silver



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Cable Jacket Material	TPE
Cable Outer Diameter (OD)	4.2MM
Wire Gauge (AWG)	34/24
Cable Length (ft.)	6
Cable Length (m)	1.83
Cable Length (in.)	72
Shipping Dimensions (hwd / in.)	0.79 x 6.69 x 3.54
Unit Dimensions (hwd / in.)	0.790 x 4.720 x 3.940
Unit Packaging Type	Box
Unit Weight (lbs.)	0.15
Unit Weight (kg)	0.07
ENVIRONMENTAL	
Operating Temperature Range	14° to 113°F (-10° to 45°C)
Storage Temperature Range	14° to 158°F (-10° to 70°C)
Operating Humidity Range	10% to 85% RH, Non-Condensing
Storage Humidity Range	5% to 90% RH, Non-Condensing
FEATURES & SPECIFICATIONS	
USB Specification	USB 3.2 Gen 2 (Up to 10 Gbps)
IP68 Rated	No
IP20 Rated	No
Displayport Specification	1.2; 1.4
HDCP Specification	1.4; 2.3
Driver Required	No
STANDARDS & COMPLIANCE	
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS; UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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

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