

USB Type C to HDMI™ 4K60Hz HDR Active Adapter



Product Name

USB Type C to HDMI™ 4K60Hz HDR
Active Adapter

Product Series

Adapter

Itemcode

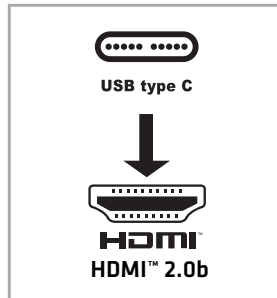
CAC-2504

EAN code

8719214471026

UPC code

841615101214



Description:

The Club 3D CAC-2504 is a USB Type C to HDMI™ 2.0b signal converter. It features support for HDR Video quality for deep color media content playback. The CAC-2504 requires the USB C output on the source device to have support for DisplayPort™ Alternate Mode 1.4. For HDR to function the source system needs to support DisplayPort™ 1.4 standard. The HDMI™ output is fully compliant to HDMI™ specification version 2.0b.

Supports up to 4K UHD Resolutions

The USB Type C to HDMI™ 2.0b HDR Active Adapter supports UHD resolutions up to 4096 x 2160p at 60Hz.

Color Formats

It supports RGB/YCbCr video color formats with a color depth of 16bpc (or 48 bits per pixel) as long as it fits within the DisplayPort™ and HDMI™ link bandwidth. The CAC-2504 also supports pixel encoding conversion from RGB or YCbCr 4:2:2 to YCbCr 4:2:0 and YCbCr 4:2:0 pass-through function. In addition HDR with deep color up to 12bpc at 4K 60Hz is supported through the conversion of RGB/YCbCr 4:2:2 over DP link to YCbCr 4:2:0 on the HDMI™ output with a horizontal expansion to CEA timings.

OS Support:

Windows 10, Apple OS X

In the package:

- Club 3D USB Type C to HDMI™ 4K60HZ HDR Active Adapter

Input:

- USB type C male

Output:

- HDMI™ 2.0b female

Other info:

- Poly Bag size: 215 x 150 x 18 mm.
- Poly Bag Weight: 10 gr.
- Product Weight: 21 gr.
- Total Weight: 31 gr.
- Adapter size: 180 x 37 x 15 mm.
- Meets ROHS, FCC, and CE EMI requirements
- Made in China

Features:

- Features reversible USB C connector
- DisplayPort™ 1.4 Receiver, up to 5.4Gbps link Rate, HBR2/HBR/RBR
- Video Stream Handling
 - Up to 600MHz dual pixel path and 16bpc
 - RGB/YCbCr 4:2:2/4:2:0 pixel format
 - Horizontal expansion of Vesa CVT to CEA Timings
- DisplayPort™ to HDMI™ Stereoscopic 3D Transport
 - Frame Sequential to Stacked Top-Bottom Conversion
 - Pass-through of other 3D Formats
- Audio Stream Handling
 - LPCM and compressed Audio encoding formats
 - Max audio sample rate of 192 Khz x 8 Channel or 768 KHz x 2 Channel
- HDCP Support
 - HDCP 1.3 to HDCP 1.4 Repeater function
 - HDCP 2.2 to HDCP 1.4 and 2.2 Repeater Function
- HDMI™ transmitter
 - Compliant to HDMI™ specifications version 2.0b
 - 600MHz max TMDS character clock
 - High Dynamic Range (HDR) support both Static - and Dynamic HDR.
 - CEC Support - snooping, tunneling
- Max Video resolution and color depth on HDMI™ output
 - 4K 60Hz YCbCr 4:2:2, up to 12bpc
 - 4K 60Hz YCbCr 4:2:0, up to 12bpc
 - 4K 30Hz RGB/YCbCr 4:2:2, up to 12bpc

Note: For HDR to function, the source system needs to support HDR and DisplayPort™ 1.4 Alternate Mode and the screen needs to have support for HDR and/or HDMI™ 2.0a/b.

Input:



USB type C



Output:



HDMI™



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