

DisplayPort™ 1.4 to HDMI™ 2.0b HDR Cable

Male/Male 2m/6.56 ft



Product Name:

DisplayPort™ 1.4 to HDMI™ 2.0b HDR Cable Male/Male 2m/6.56 ft

Product Series:

Adapters

Product Code:

CAC-1082

EAN code:

8719214471187

UPC code:

841615101375

Description:

The Club3D CAC-1082 is a DisplayPort™ 1.4 to HDMI™ 2.0b signal converter. It features support for HDR Video quality for deep color media content playback. The DisplayPort™ receiver supports up to 5.4 Gbps per lane over 4 lanes. The HDMI™ output is fully compliant to HDMI™ specification version 2.0b. Supports up to 4K UHD Resolutions. The CAC-1082 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-1082 also supports pixel encoding conversion from RGB or YCbCr 4:4:4 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 4:4:4 over DP link to YCbCr 4:2:0 on the HDMI™ output with a horizontal expansion to CEA timings.

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

Features:

- 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 4:4:4/4:2:2/4:2:0 pixel format
 - Horizontal expansion of Vesa CVT to CEA Timings (as per DP™ 1.4 spec)
- DisplayPort™ to HDMI™ Stereoscopic 3D Transport
 - Frame Sequential to Stacked Top-Bottom Conversion
 - Pass-through of ther 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 Fucntion
- HDMI™ transmitter - Compliant to HDMI™ specifications version 2.0b
 - 600MHz max TMDS character clock
 - High Daynamic Range (HDR) support both Static- and Dynamic HDR.
 - CEC Support - snooping, tunneling
- Max Video resolution and color depth on HDMI™ output
 - 4K 60Hz RGB/YCbCr 4:4:4, 8bpc - 4K 60Hz YCbCr 4:2:2, up to 12bpc
 - 4K 60Hz YCbCr 4:2:0, up to 16bpc - 4K 30Hz RGB/YCbCr 4:4:4, up to 16Bpc

Note:

- Please update your TV Firmware to the version which supports these resolutions/refresh rates !
- Please update your Graphic drivers on your PC and make sure that DSC1.2 is supported on your devices to support the these resolutions/refresh rates!

Please use one of our Extension/Adapter cables to connect to your devices:
In case you need assistance to choose the correct cable, please visit our website www.club-3d.com or feel free to mail us at support@club-3d.com and it will be our pleasure to assist you.



OS Support:

- Windows 10, Apple OS X

In the box:

- DisplayPort™ 1.4 to HDMI™ 2.0b HDR Cable Male/Male 2m/6.56 ft.

Available Interfaces

Input:

- DisplayPort™ 1.4 male

Output:

- HDMI™ 2.0b male

Other info:

- Box size: 14.5 x 14.5 x 4.5cm / 5.71 x 5.71 x 1.77 inch
- Product Length: 2 meter / 6.56 feet
- Product height: 1.2cm / 0.47 inch
- Product width: 2cm / 0.79 inch
- Product Weight: 85 gr / 3 oz
- Box Weight: 45 gr / 1.59 oz
- Total Weight: 130 gr / 4.59 oz
- Meets ROHS, FCC, and CE EMI requirements

Input:



Output:

