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

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 4:2:2 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 4:2:2 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 support DisplayPort™ 1.4 and/or HDMI™ 2.0 a or b.

OS Support:
Windows 10, 8.1,
Apple OS X

In the box:
DisplayPort™ 1.4 to HDMI™ 2.0b HDR Cable
Male/Male 2m/6.56 ft.

Input:
DisplayPort™ 1.4 male

Output:
HDMI™ 2.0b male

Other info:
Box size: 145 x 145 x 45mm.
Box Weight: 51 gr.
Product Weight: 85 gr.
Product height: 12mm.
Product width: 20 mm.
Product Length: 2 meter / 6.56 feet
Meets ROHS, FCC, and CE EMI requirements
Made in China

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 the 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 Dynamic 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

Disclaimer:
While we endeavor to provide the most accurate, up-to-date information available, the content on this document may be out of date or include omissions, inaccuracies or other errors. Therefore Club 3D does not accept any rights claimed on the content of this document. Please refer to a full overview of our Legacy Terms and Conditions on www.club-3d.com. All other brand names are trademarks or registered trademarks and are the property of their respective owners. All content is subject to change without prior notice.

Copyright © 2018, Club 3D B.V. www.club-3d.com