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Product Specification Sheet

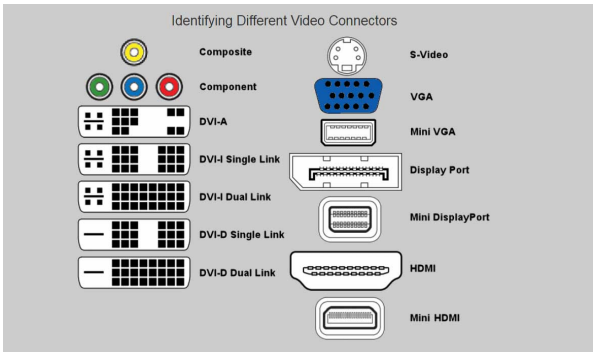
CAC-1180-CLUB3D

Club 3D CAC-1180 Mini Displayport 1.4 To HDMI 2.0 Hdr

Product Overview

Club 3D CAC-1180 Mini Displayport 1.4 To HDMI 2.0 Hdr 4096 X 2160p





Specifications

Overview:

CAC-1180 - The Club3D CAC-1180 is a Mini DisplayPort™ 1.4 to HDMI™ 2.0b active signal converter. It features support for HDR Video quality for deep color media content playback. The Mini 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. The CAC-1180 is downwards compatible to earlier Displayport™ and HDMI™ versions, but this can influence the functionality and/or supported features such as HDR.

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 Mini DisplayPort™ and HDMI™ link bandwidth. The CAC-1180 also supports pixel encoding conversion from RGB or YCbCr 4:4:4 to YCbCr 4:2:0 and YCbCr 4:2:0 pass-trough 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.

Specifications:

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Specifications	
Product Code	CAC-1180-CLUB3D

Model	Product Name: Mini DisplayPort 1.4 to HDMI 2.0b HDR Active Adapter
	Product Series: Adapters
	Itemcode: CAC-1180
	EAN code: 8719214470869
	UPC code: 841615101054
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-trough 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: 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.
OS Support	Windows 10, 8.1
	Apple OS X
Input	Mini DisplayPort 1.4 male
Output	HDMI 2.0b female

Other info	Boxsize: 182 x 60 x 35mm.
	Cable: 184 x 20 x 11 mm.
	Weight: 30 gr.
	Meets ROHS, FCC, and CE EMI requirements
	Made in China
In the box	Club 3D Mini DisplayPort 1.4 to HDMI 2.0b HDR Active Adapter

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/CAC-1180-CLUB3D-Club-3D-CAC-1180-Mini-Displayport-1-4-To-HDMI-2-0-Hdr-p-203095.php

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