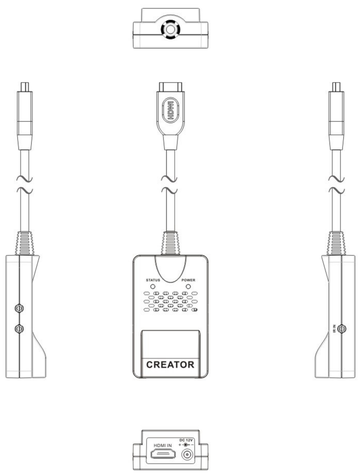
CR-HDCP 100

HDCP adapter

CR-HDCP 100



Size (mm):
90(L)×55(W)×29(H)

Product overview

CR-HDCP 100 is an audio &amp,HDCP resolver setting HDMI audio splitter, DVI audio synthesizer, and HDCP decryption / encryption function into one. With CREATOR unique audio and video technology, it provides easy solution for problems in engineering applications, such as HDCP encryption and audio separation, DVI signal and analog audio synthesis, etc.

Features

- Support HDCP 1.4 decryption and encryption.
- HDMI audio signal separation.
- DVI signal and analog audio synthesis.
- EDID can be set as built-in or direct mode.
- Serial port RS-232 control.

Specifications

The parameter name		CR-HDCP 100
HDMI video input	Supported protocols	HDMI1. 3a, HDCP1. 4, EDID1. 4
	PIXEL bandwidth	165MHz, Full digital
	Interface bandwidth	2.25Gbps, all digital (a total of 6.75 Gbps, each color is 2.25Gbps)
	Maximum supported resolution	HDPC: 1900x1200@60Hz NormalPC: 1600x1200@60Hz HDTV: 1920x1080P@60Hz
	Signal type	HDMI 1. 3a / T. M. D. S. Full digital signal
	Interface	HDMI-A interface
	Signal strength	T. M. D. S. +/− 0. 4Vpp
	Minimum / maximum level	T. M. D. S. 2. 9V/3. 3V
	Impedance	The differential of 1000
	The recommended maximum input distance	Less than 7 meters, in the 1920x1080p@60 (recommend the use of certified HDMI special wire, such as Molex TM wire)
Serial port control	Interface	3.5mm Headset seat
	Baud rate	115200bps
Power supply	Interface	DC block
	Power	12V/1. 5A

Specifications

The parameter name		CR-HDCP 100
HDMI video output	Supported protocols	HDMI1. 3a, HDCP1. 4,EDID1. 4
	PIXEL bandwidth	165MHz, Full digital
	Interface bandwidth	2.25Gbps, all digital (a total of 6.75Gbps, each color is 2.25Gbps)
	Maximum supported resolution	HDPC: 1900x1200@60Hz NormalPC: 1600x1200@60Hz HDTV: 1920x1080P@60Hz
	Signal type	HDMI 1. 3a / T. M. D. S. Full digital signal
	Signal strength	T. M. D. S. +/− 0. 4Vpp
	Interface	HDMI-A interface
	Minimum / maximum level	T. M. D. S. 2. 9V/3. 3V
	Impedance	The differential of 1000
	The recommended maximum input distance	Less than 7 meters, in the 1920x1080p@60 (recommendthe use of certified HDMI specialwire, such as Molex TM wire)
Audio input	Interface	3.5mm Headset seat
	Signal	Analog stereo
	Frequency response	20Hz~20KHz ±0. 05db
	Audio input level	2Vrms (max)
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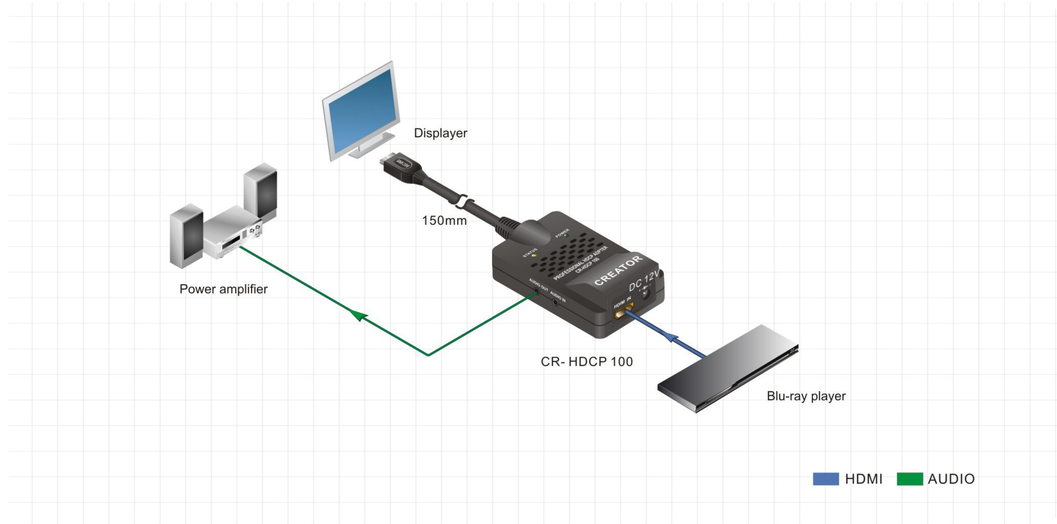
	Signal	Analog stereo
	Frequency response	20Hz~20KHz ±0. 05db
	Audio input level	2Vrms (max)

System connection diagram