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HDMI SPLITTER

HDMI 2.0 Splitter 1x2

AHDSP-V2012



PRODUCT DESCRIPTION

The 1x2 HDMI splitter that supports, Full HD 1080P 3D、HDR & 4K*2K/60Hz uses a single HDMI source, accessing to multiple HDMI sinks. The splitter allows one HDMI source to be distributed, to two HDMI compatible monitors or projectors, The splitter can also be placed at the end of a long HDMI cable, to regenerate the HDMI signal.

PRODUCT KEY FEATURES

- One HDMI 2.0 input signal split to two HDMI 2.0 sink devices
 - When 4K is input, it can support 1080P and 4K two resolutions output
 - Support HDR
 - Support 4K*2K @60Hz resolution
 - Support deep color 24bit, 30bit, 36bit
 - HDMI output audio support EDID function: mix and max two audio mode option
 - Video format support: 4Kx2K/60Hz 10Bit Ycbcr4:2:0; 4Kx2K/60Hz 12Bit Ycbcr4:2:0 ; 4Kx2K/60Hz 8Bit Ycbcr4:4:4/ Ycbcr4:2:0
- (Note: It only support the standard HDMI source Ycbcr4:4:4 signal)

SPECIFICATIONS

HDMI resolution.....4K@60Hz /4K@30Hz/3D/1080P/1080i
Support audio format.....DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
Max bandwidth.....600MHz
Max baud rate.....18Gbps
Input/Output TMDS signal0.5~1.5Volts p-p(TTL)
Input/Output DDC signal.....5Volts p-p (TTL)
Input cable distance.....≤10m(1080P)/5M(4K) AWG24 HDMI standard cable
Output cable distance.....≤10m(1080P)/5M(4K) AWG24 HDMI standard cable
Max working current.....400mA
Power adapter format..Input:.....AC (50HZ, 60HZ) :100V-240V; Output: DC5V/1A

Connection and Operation:



Physical connection showing picture:



ON/OFF: Power ON/OFF

Power: Power LED

IN: Signal input LED light

1-2: Signal output led light

2.0: 18G video signal status led light

Audio: Audio mode led light

Min: Audio min led light

Max: Audio max led light

Audio: audio mode button, it can switch the min and max audio mode.

(When switch to min mode, the HDMI output will output the audio format that all, output device can support; when switch to max, the HDMI output will output, the best audio format that the output device can support. For example, if the output device can support 7.1 audio format, the splitter will output, 7.1 audio format when you switch audio mode to max.)