

## AVA-HDMI12/H

### 1:2 HDMI 2.0 4K2K Distribution Amplifier



AVA-HDMI12/H distribution amplifier is an advanced solution for splitting HDMI content to 2 HDMI outputs synchronously.

It provides high performance audio and video up to 4K2K@60Hz (4:4:4) and is capable of receiving, retiming and transmitting up to 18Gbps of bandwidth with no data loss.

### Features

- HDMI 2.0b, HDCP 2.2 compliant
- Up to 4K2K@60Hz with 24bit RGB/YCBCR 4:4:4
- Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master audio
- Built-in equalizer, retiming and driver
- Smart EDID, STD(1080p) mode and TV(copy OUT1) mode
- Compact design for an easy and flexible installation

### Technical specification

#### Video

Input:	1× HDMI
Input Connector:	1x 19-pin type-A female HDMI 2.0b,HDCP 2.2
Output:	1× HDMI
Output Connector:	1x 19-pin type-A female HDMI 2.0b, HDCP 2.2

#### General

Max data rate:	18Gbit/s
Max resolution:	4Kx2K@60Hz with 24bit RGB/YCBCR 4:4:4
Work temperature:	0 to 40°C
Reference humidity:	20 to 90%
Power consumption:	2W
Power supply input:	DC 5V 1A
Dimension (W*H*D):	56mm x 100mm x 16mm
Net weight:	165g

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### Typical applications

- Corporate Applications (Meeting Room) • Control rooms • Classrooms • Conference rooms • or any installations that requires a simple control system

### Diagram

