



HDS-12AVR

1 Input: Full UHD 4K
2 Output: 1-Audio Only
1-Full UHD 4K

With the advent of the newest Ultra High Definition (“4K”) displays and sources, the latest version of High Definition Copyright Protection (“HDCP”) management was unveiled. For those end-users who have an older, non-HDCP2.2 compliant AVR or AV processor, this presents a major problem.

In order to take full advantage of the video capabilities of a new Full 4K display and to hear all of the high-level HDMI-only Surround Sound formats such as Dolby True HD and DTS-Master, the only solution until now would be to replace the older AVR or Audio/Video Processor with a new version that is HDCP 2.2 compatible. In smaller systems, that is not a major issue. In larger, audiophile grade installations, replacing a very expensive processor with another very expensive processor is not always an appealing option.



The **HDS-12AVR** solves this by allowing one HDCP 2.2/ Full 4K source to be sent directly to the new UHD 4K display, while directing any and all available HDMI Audio streams to the existing Surround Decoder. The **HDS-12AVR** handles all Full 4K formats including 60Hz refresh rate at 4:4:4 color space for a full 18.2Gbps bandwidth. The Audio-Only HDMI output is managed as an HDMI1.4 HDCP 1.4 source with 720p MUTED video, in order to conform with anti-copy rules.

As with all **Transformative Engineering** products, we have created a solution in a cost effective, innovative and reliable way.

The HDS-12AVR is truly a PLUG & PLAY solution!

Should the client want more Full 4K inputs, see the **TE HDS-42AVR**.



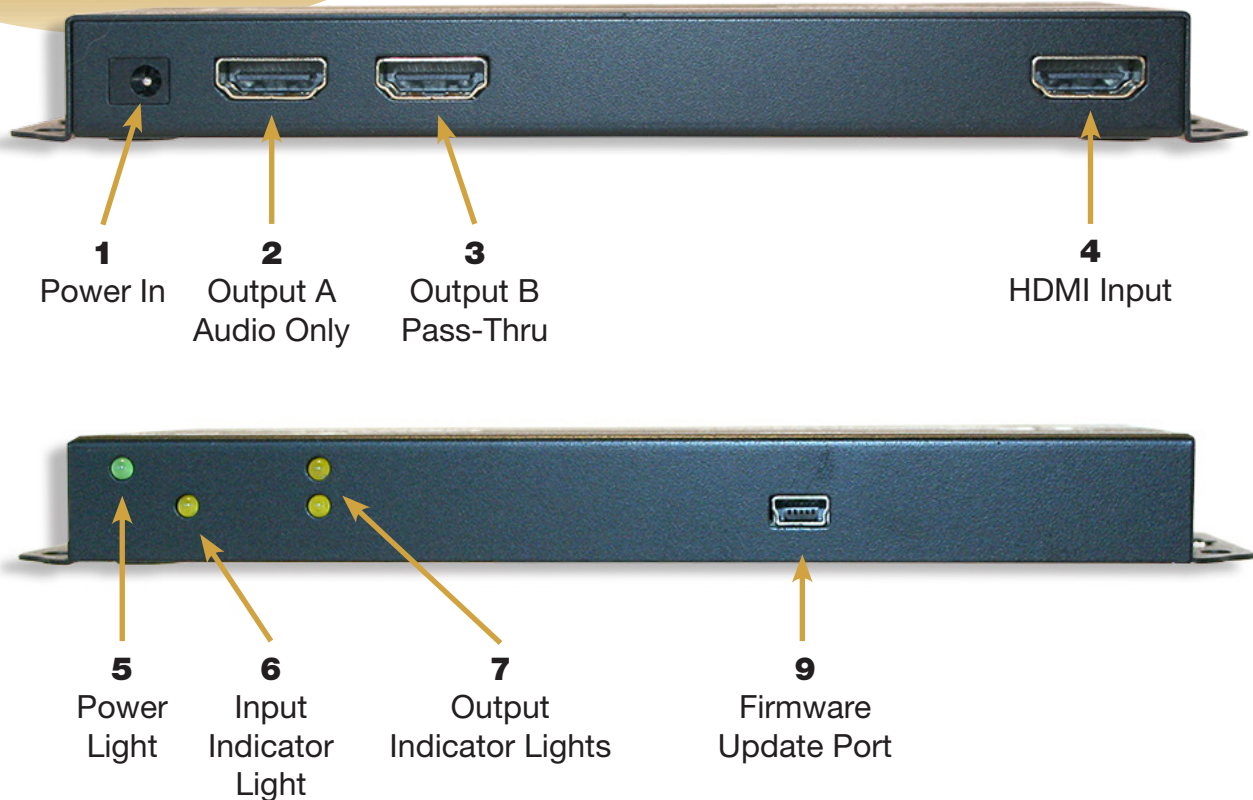
Contributor Member of HDBaseT Alliance
Authorized HDMI Adopter

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www.TransformativeEngineering.com

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HDS-12AVR SPECIFICATIONS

Input Signals:

HDMI Version 1.0 thru 2.0b, HDCP 2.2

Video Formats Supported:

480p/576i/480p/576p/720p/1080i/1080p
UHD up to 18.2 Gbps: 4K 60 Hz 4:4:4(8bit),
4:2:2(8,10,12bit), 4:2:0(8,10bit) all current
versions of HDR included

Audio Formats Supported:

All HDMI supported formats, including DTS-HD,
Dolby-HD, DVD-A, Dolby TrueHD, 8-CH LPCM

Output Signal:

Output A Audio Only:

Audio Only, HDMI 1.4, HDCP 1.4,
Muted Video at 720p

Output B Pass-Thru:

HDMI 1.0 thru 2.0b, HDCP 2.2

Power Supply (included):

24 VDC, 750 ma

Dimensions (HDS-12AVR):

7.0" W x 1.25" H x 4.0" D

Weight: 1.50 Lbs (HDS-12AVR)



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