

VEO-AEXS4

AUDIO MANAGEMENT DEVICES

HDMI® Audio Embedder and Extractor 18Gbps



PRODUCT OVERVIEW

VEO-AEXS4 allows to extract audio signals from HDMI® streams up to 4K or to embed a stereo analogue signal into the HDMI®, replacing the original sound. It provides a stereo unbalanced analogue input and output on Euroblock connectors, or a 5.1 digital output on S/PDIF coaxial connector. Function mode is selectable through the onboard dip-switch.

KEY FEATURES

- Extracts audio stream from HDMI® to analog stereo output or 5.1 digital audio output.
- Embeds a stereo analogue input into HDMI® signal replacing the original sound.
- HDMI® video input supporting resolution up to 4K@60Hz, YUV 4:4:4, 18Gbps.
- Supports 3D, HDR.
- HDCP2.2/1.4 compliant.

APPLICATIONS

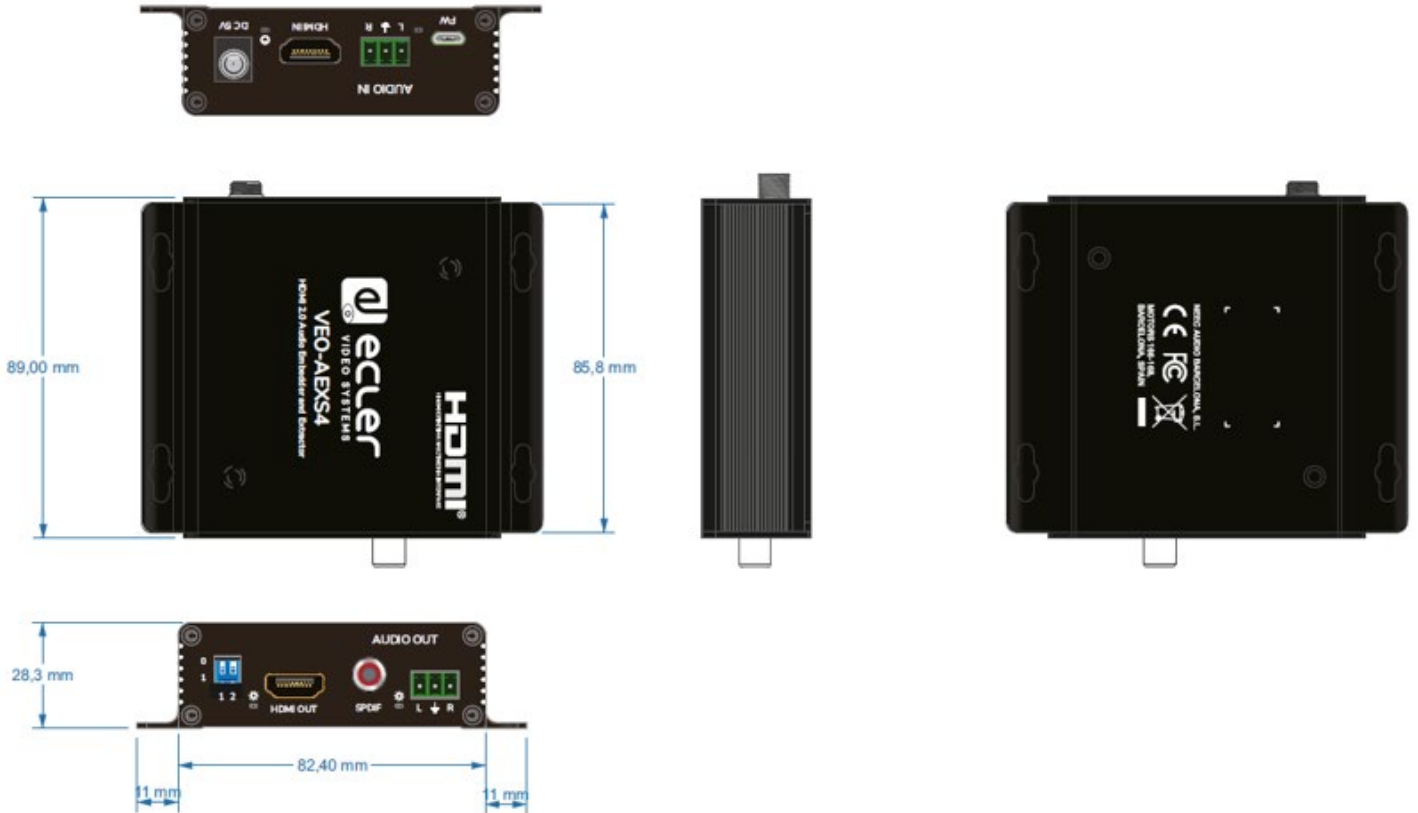
- All the applications where HDMI® audio embedding or de-embedding is required.

TECHNICAL SPECIFICATIONS

VEO-AEXS4

Video Performances	
Video Input Resolutions	Up to 4Kx2K@60Hz
Video Output Resolutions	Up to 4Kx2K@60Hz
Video Capture Resolutions	1080p@60Hz
Colour Space	RGB, YCbCr
Chroma Subsampling	4:4:4, 4:2:2
Colour Depth	8-bit, 10-bit, 12-bit
Signal Bandwidth	18 Gbps
HDCP	2.0 compliant
Video Connectors	Input: Type-A Female HDMI® Output: Type-A Female HDMI®
Audio Performances	
Audio Formats	Dolby True-HD, DTS-HD Master Audio, PCM;
Sample Rate	32 KHz, 44.1 KHz, 48 KHz, 88.2 KHz, 96 KHz, 176.4 KHz, 192 KHz
Bit Depth	16 to 24-bit
Frequency Response	20Hz–20KHz, ±3dB
Audio Input Connectors	1 x 3pin Euroblock for Stereo Unbalanced Input (PCM 2.0)
Audio Output Connectors	1 x 3pins Euroblock for Stereo Unbalanced Output (PCM 2.0) 1 x S/PDIF Coaxial
Control	
Source Selector	4-positions dip-switch for input source selection
LED Indication	Power ON 1 x red LED for power supply Audio IN 1 x blue LED for audio in active HDMI® OUT 1 x blue LED for HDMI® out active Audio OUT 1 x blue LED for audio out active
General	
HDMI® Distance	up to 10 meters / 33 ft with Ecler VEO cables
Environmental	
Operation Temperature	-5 to +40°C (+23 to +104 °F)
Humidity	5 - 90% RH (no condensation)
Power Supply	
Power Supply	AC 100V ~ 240V 50/60Hz Output: DC 5V---1A
Power Consumption	Max 2W
Mechanical	
Dimensions	104.4 x 89 x 28.3mm (4.11" x 3.50" x 1.11")
Weight	155g / 0.342lbs

MECHANICAL DIAGRAM



All product characteristics are subject to variation due to production tolerances. **NEEC AUDIO BARCELONA S.L.** reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

For technical requests address to your supplier, distributor or fill the contact form in our website, at [Support / Technical Request](#).

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