

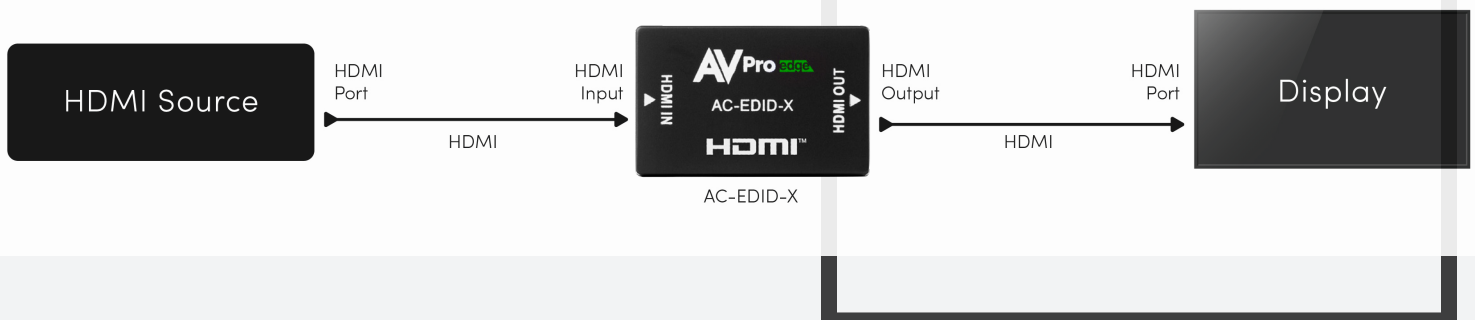


8K HDMI EDID Manager AC-EDID-X

The AC-EDID-X is a compact, inline device designed to manage and manipulate Extended Display Identification Data (EDID) between HDMI source and sink devices. By emulating or altering EDID information, the AC-EDID-X ensures stable handshakes, eliminates compatibility issues, and maintains consistent video and audio performance across AV systems. Ideal for troubleshooting, system setup, or ensuring specific resolutions and audio formats are maintained, the AC-EDID-X is a must-have tool for installers and integrators.



AC-EDID-X Connection Diagram



PRODUCT SPECIFICATIONS

VIDEO	
Video Resolutions	Up to 8K 60Hz 4:4:4/8K 30Hz 4:4:4/4k 120Hz
HDR Formats	Dolby Vision, HDR10, HDR10+, HLG
Color Space	YUV (Component), RGB (CSC: ITU-R BT.601, ITU-R BT.709, ITU-R BT.2020, DCI-P3 D65)
Chroma Subsampling	4:4:4, 4:2:2, 4:2:0 Supported
Deep Color	Up to 16 bit
AUDIO	
Audio Formats Supported HDMI	PCM 2.0-Ch, LPCM 5.1 & 7.1, Dolby Digital, Dolby Digital Plus, Dolby TrueHD, Dolby Atmos, DTS 5.1, DTS-HD Master Audio, DTS:X
DISTANCE	
HDMI In/Out (4k60 4:4:4)	Up to 50 ft. (using Bullet Train HDMI)
HDMI In/Out (W/ AOC Cable) (4k60 4:4:4)	Up to 130 ft. (using Bullet Train AOC)
OTHER	
Bandwidth	48 Gbps (FRL 6)
HDCP	HDCP 2.3 and Earlier
PORTS	
HDMI	Type A 19-pin, female
ENVIRONMENTAL	
Operating Temperature	23 to 125°F (-5 to 51°C)
Storage Temperature	-4 to 140°F (-20 to 60°C)
Humidity Range	5-90% RH (No Condensation)
POWER	
Power Consumption (Total)	2.5 W Maximum
DIMENSIONS	
Dimensions (Unit Only Length/Width/Height)	mm: 31.75 X 20.65 X 11.13 inch: 1.25 X .813 X .438
Dimensions (Packaged Length/Width/Height)	mm: 69.063 X 59.533 X 30.963 inch: 2.719 X 2.3438 X 1.219
Weight (Unit)	0.04 lbs (0.02 Kg)
Weight (Packaged)	0.07 lbs (0.03 Kg)
<i>*Specifications subject to change without notice. Mass & dimensions are approximate</i>	

KEY FEATURES

- **8K, 48Gbps Support (FRL 6):** High bandwidth signaling supplies plenty of headroom for current sources and is fully prepared to handle 8K signals from any device using the AC-EDID-X as a bridge.
- **EDID Management Made Easy:** 16 different EDID settings, selectable via four DIP switches, including a User Copy option that reads and stores the EDID from the connected display. This range of presets enables systems with mixed-era technologies to maintain stable handshakes and consistent output – keeping your source and display in perfect agreement regardless of the signal chain.
- **Full HDR Support:** As Hollywood becomes more adept at using HDR to augment storytelling, dynamic metadata in HDR content is pushing the color boundaries for compatible displays. AVPro Edge 8K devices repeat and passthrough HDR content retaining 100% of the fidelity in the signal. HDR, HDR10+, HLG, Dolby Vision and IMAX Enhanced are no challenge for AVPro Edge image-handling circuitry, delivering full color volume and accurate tone mapping metadata to connected displays.
- **High Frame Rate compatibility:** The AC-EDID-X supports 120fps with 4K or 1080p signals.
- **Additional HDMI 2.1a Features:** Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM), Quick Media Switching (QMS), Quick Frame Transport (QFT), and Source Based Tone Mapping (SBTM) are supported by the AC-EDID-X.